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# 1937 GARDEN GUIDE



MAR 24 1937  
U. S. Department of Agriculture



## NOTICE!

Our Retail Store  
is Temporarily  
Located at

**727 J St.**

while our Store at 712 J  
Street is being remodeled  
following our recent fire.

**SIGNORA** One of the world's finest new patented roses. Plants grow tall with handsome buds on long stems. Each \$2.00. For full description see next page.

**F. LAGOMARSINO & SONS**  
**712 J. STREET - SACRAMENTO, CALIF.**





© 1931

Gloaming

PLANT PATENT  
NO. 137

**SIGNORA**—Plant Patent applied for. This Rose from the land of sunshine and Chianti wine, is a real masterpiece, in both plant and bloom. Long bud of a warm burnt sienna opening to a lighter hue toward mandarin. The plant is tall growing with every bloom on a long stem. Foliage is handsome. Received the Colle Oppio gold medal. (See illustration on front cover). **Each \$2.00.**

**ECLIPSE**—Plant Patent No. 172. The international sensation of the year, awarded prizes in Rome, Paris and other test gardens. The long streamlined bud, enhanced by ornamental sepals, is of rich gold without shading. Petals are large and tough, but not numerous, averaging 20 to 25, with more in the autumn. "It Eclipses 'em all." **Each \$1.50.**

**GLOAMING**—Plant Patent No. 137. A cut flower variety which has proved a "winner" wherever grown. Its large buds are carried on long rigid stems amply clothed with handsome foliage. The plant is vigorous and branching, fairly tall growing. Bloom is of unusual coloring—fawn orange in the bud and the large full blooms are of a peculiar pink overlaid with salmon. **Each \$1.50.**

Countess Vandal



© 1

Eclipse

PLANT PATENT  
NO. 172

## Twelve Exceptional Patented ROSES

Postpaid to  
Fourth Zone.

**COUNTESS VANDAL**—Plant Patent No. 38. The Rose of Roses! "Countess" has been enthusiastically received by rose lovers everywhere. Its long pointed bud, its distinctive shadings of coppery-bronze suffused with soft gold and its form are a continuous "movie" developing new beauty at all times during its long life. **Each \$1.00.**

**MARY HART**—Plant Patent No. 8. A striking red sport of Talisman. The bud is maroon-red, opening to well formed blossoms of deep velvety blood-red with an overglow of amber. Unlike most red roses, Mary Hart does not wilt or dry out when cut, but opens perfectly. **Each \$1.00.**

**MATADOR**—Plant Patent No. 170. Large full Rose, well formed. Scarlet crimson with darker silky sheen on the reverse, very perfumed. Vigorous, healthy plant. A great red Rose. **Each \$1.50.**

**RADIANT BEAUTY**—Plant Patent No. 97. Lives up to its name and is an improved form of Francis Scott Key, opening to a perfect Rose in all weather. The color is a peculiar red; the petals are neither velvety nor satiny but of an unusual eggshell finish. Hardy, vigorous grower. A truly fine new Rose. **Each \$1.50.**

**SOUVENIR**—Plant Patent No. 25. A golden Talisman, one of the loveliest of Roses. Its bloom is a deep rich golden yellow, and it is a prolific producer of fragrant flowers for cutting. It is a superb garden variety with all the desirable qualities of the popular Talisman. **Ea. \$1.00.**

**BLAZE**—Plant Patent No. 10. Acclaimed by the nation as the only hardy everblooming scarlet climber. Blaze combines the vigor, beauty and hardiness of Paul's Scarlet Climber with the everblooming qualities of a favorite everblooming Rose, propagated from blooming wood. **Ea. \$1.00.**

Mary Hart



© 1933



## PATENTED ROSES—Continued

**TEXAS CENTENNIAL**—Patent applied for. A sport of President Hoover with all its wonderful plant qualities. Color is blood red toning to cerise red in center. Most striking new red of unusual color. Each \$1.00.

**TEMNO**—The largest of all the darkest Roses. Is not "black" but not far from it. Has richest deep maroon velvety tones. Large well formed blooms strongly perfumed, produced in great quantity by a good plant of branching habit. Each \$1.00.

**WHITE BRIARCLIFF**—Plant Patent No. 103. The first and only absolutely pure white Hybrid Tea Rose—the goal of hybridizers for years. A supreme white Rose with the finest form since bride's Roses have been grown. Vigorous, bushy plant. Tremendous producer and ideal for cutting. Each \$1.50.

# Two-year-old Field Grown ROSES

50c each; \$5.00 dozen  
Postpaid to Fourth Zone

**MME. CECILE BRUNNER**—Small, exquisitely formed buds and light pink tea-like flowers with yellow base. Very free bloomer.

**AUTUMN**—Most extraordinarily colored rosebud—burnt sienna; strong stems.

**BETTY UPRICHARD**—Bright orange-carmine buds opening to semi-double salmon-pink flowers stained with copper-pink on the outside. A most popular bedding Rose.

**CHAS. P. KILHAM**—Double flowers and buds of blazing scarlet-orange.

**DAME EDITH HELEN**—A new, glowing, fragrant pink rose on erect, rigid stems. Free-flowering.

**DUCHESS OF AHTOL**—Buds deep bronze; flowers large double vivid orange flushed old rose.

**EDITH NELLIE PERKINS**—Long pointed buds of rich orange outside and salmon-pink inside of petals. Fairly double blooms with a golden underglow.

**E. G. HILL**—Great massive blooms of deep maroon, velvety on inside.

**ETOILE DE HOLLANDE**—This brilliant red rose is very popular. Glorious, large blooms that hold their color in strong sunlight, never showing bluish tints. Sweetly fragrant. Growth strong. Resistant to mildew.

**FEU JOSEPH LOOYMANS**—Long pointed buds of glowing apricot and old-gold.

**GOLDEN DAWN**—Bud rich straw-yellow, flushed old-rose. Flower very double, sunflower-yellow, passing to lemon-yellow with age.

**GOLDEN EMBLEM**—Large, double blooms of rich yellow; buds sometimes stained with red.

**HADLEY**—Excellent, dark velvety crimson variety with long stems carrying the flowers well above the foliage. Very fragrant.

**HEINRICH WENDLAND**—Talisman type but quite double and darker in color, sometimes almost brown. Healthy grower.

**HOOSIER BEAUTY**—A very double, distinctive zinnia-shaped variety of bright carmine; inner petals glowing crimson with very dark shadings. Double. A vigorous grower that is a profuse, continuous bloomer.

**KAISERIN AUGUSTE VICTORIA**—The standard, double, pure white bedding rose.

**MARGARET McGREDY**—Brilliant red petals on hinges of deep gold. Buds upright. Seldom out of bloom. Upright plant; very hardy.

**McGREDY'S IVORY**—Long bud with greenish markings, opening to ivory-white. Perfectly shaped double blooms. Sweet scented.



Talisman



President Herbert Hoover



Charles P. Kilham





Rapture



Dame Edith Helen



Mme. Butterfly

### TWO-YEAR-OLD FIELD GROWN ROSES—Continued 50c each; \$5.00 dozen; Postpaid to Fourth Zone

**McGREDY'S SCARLET**—Large flowers are brilliant scarlet with orange base and the upper portions of the petals are lightly washed crimson.

**MME. BUTTERFLY**—Long buds and beautifully shaped blossoms of bright pink, suffused apricot and gold. A free bloomer and erect grower. Sport of Ophelia.

**MME NICHOLAS AUSSEL**—Buds are very long, double salmon shaded carmine and ochre; flowers tinted yellow at the base. Intensely fragrant.

**MRS. CHARLES RUSSELL**—Strong healthy grower. The blooms are large, full of a beautiful shade of rosy pink.

**MRS. PIERRE S. DuDONT**—Buds are reddish gold, opening into beautiful flowers.

**MRS. SAM McGREDY**—Large, fairly double bloom of orange-salmon, with a suffusion of gold. Vigorous, healthy plant. One of the best of the tribe of Irish Roses.

**PRESIDENT HERBERT HOOVER**—Long-pointed buds of scarlet and gold, opening to broad, semi-double flowers of creamy orange and deep rose, with huge, thick petals. Plants very vigorous. Fine for cutting.

**PRINCE FELIX**—Well formed bloom rather large, of brilliant scarlet red. Tall, healthy plant of Radiance type. Has stood below zero weather without injury.

**RADIANCE**—Very free flowering and a strong grower. The flowers are a beautiful blending of shades of carmine-rose with opal and carmine reflected, and are very fragrant.

**RAPTURE**—An intensified sport of President Herbert Hoover Rose. The red shades predominate.

**RED RADIANCE**—The same as radiance, except it is a beautiful shade of carmine-red and very fragrant.

**ROSELANDIA**—An Ophelia type with golden yellow blooms.

**SOUVENIR DE MME. C. CHAMBARD**—Flowers are large, semi-double cupped, fragrant. Outer petals rich rose-red; inner petals flashy deep rose-pink, with golden glow at center. Growth vigorous, upright.

**SUSAN LOUISE**—Semi-double, clear pink flowers, produced in profusion on healthy vigorous plants. Good cut flowers.

**TALISMAN**—The Rose of many gold medals. A combination of shadings of gold, apricot, yellow and deep pink or old-rose. The outside of the petals is bright yellow, gold and pink; as the flower develops and the petals unfold they become bright apricot, gold and deep rose-pink.

## Climbing Roses

50c each; \$5.00 dozen; Postpaid to Fourth Zone

**CL. BELL OF PORTUGAL**—Long bud; large flowers of soft creamy pink flushed with yellow at base of petals. Vigorous.

**CL. BLACK BOY**—A vigorous climber that produces a profusion of large semi-double slightly fragrant flowers of very dark reddish black in the spring. In the summer the bloom is a bright red.

**CL. DAME EDITH HELEN**—Same large pink blooms as the bush variety.

**CL. GOLDEN EMBLEM**—Cadmium-yellow flowers, bud is splashed and shade red.

**CL. K. A. VICTORIA**—Very full, slightly fragrant pure white flowers.

**CL. LOS ANGELES**—Pale satiny pink, shaded with deep rose and gold.

**CL. PRESIDENT HERBERT HOOVER**—Maroon, orange and gold.

**CL. TALISMAN**—Similar to the bush variety.

**CL. YELLOW CECILE BRUNNER**—Similar to the popular Baby Rose, but a beautiful shade of golden yellow.

**CL. DR. W. VAN FLEET**—Large flowers of exquisite pale pink on fine, long stems.



# LAGO Brand Presents 11 Outstanding Improved Vegetable Strains for 1937!

In the production of high standard quality vegetable seeds, there are always two main objectives given the most careful attention: First, the growing of all seeds of the various standard varieties under the most exacting methods of production, from parent strains of foremost and tested quality—that is, from carefully selected “stock” or “parent” seeds; secondly, carrying on continually the programs of plant breeding work to improve certain varieties and develop new ones.

We take pleasure in listing below some excellent new improved strains which have been offered to the trade during the past few years. These all have particular merit, and have been thoroughly tested. We recommend them highly, knowing you will be greatly pleased with their superior merits.

## BEET—Detroit Dark Red—*Perfected Strain*

A fine improved strain of excellent quality for all purposes. Tops are uniform, and longer than former strains, making a beautiful bunching beet for market garden and home purposes. Roots, true globe shape, small tap root and deep blood red color. Inside zones are very inconspicuous, making the interior color very uniform. Tender, and of highest quality until roots are fully grown. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

## CARROT—Red Core Chantenay

An improvement over the regular Chantenay in color, texture, and quality of flesh. Roots are deep reddish orange, 5 to 6 inches long, thick at shoulder, tapered and stump rooted. Outstanding feature is deep reddish orange core, making core and flesh the same color. Hence, carrot is really coreless, fine grained and very tender. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00.



## CELERY—Utah

An outstanding variety, gaining wide popularity. Of particular merit for its broad, dark green stems, which are extremely thick, fleshy and of unexcelled crispness and eating quality. Utah Celery has stems of thicker flesh than any other variety. Possesses rich nutty flavor. Pkt. 5c; ½ oz. 50c; oz. 90c; ¼ lb. \$2.75; lb. \$10.

## CORN—Golden Bantam Evergreen

An outstanding hybrid variety having the “evergreen” quality of remaining in table condition for a long time. Ears are rich golden cream in color with fine flavor. Average length of ear from 7 to 8 inches long, with rows of compact kernels. Vigorous and productive, producing stalks 6 to 7 feet tall. Pkt. 10c; ½ lb. 20c; lb. 35c; 5 lbs. \$1.50.

## CUCUMBER—LAGO Nu-Green

An extra long variety, 12-14 inches, of finest quality, color a rich dark green over entire surface, retained remarkably long after pickling. Enormous yielder of straight uniform fruits with very few seeds. Pkt. 5c; oz. 20c; ¼ lb. 50c; lb. \$1.50.

## WATERMELON—Univ. of Calif. Strain

Fine improved strain developed through careful plant breeding work by the California Experiment Station. Fruits deep dark green, very uniform in shape with fine interior bright scarlet flesh. Seeds are very small and uniformly dark colored. Flesh both in texture and sugar content is unsurpassed. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00; 2 lbs. \$1.80; 5 lbs. \$4.00; 10 lbs. \$7.50.

## ONION—Australian Brown—U. C. No. 1

Developed after years of intensive breeding work by the California Agricultural Station. Outstanding for its deep chestnut brown scale color, clear lemon yellow flesh color, and superb keeping quality. Completely free from objectionable pink flesh color. Ideal for both the home and market garden. Pkt. 5c; oz. 25c; ¼ lb. 80c; lb. \$2.50.

## ONION—Yellow Sweet Spanish (Utah Strain)

Improved strain of this popular variety selected by Utah Experiment Station. Bulbs of very large size, rich deep yellowish-brown color, globular, with small necks. Improved over other strains in fine exterior color, true globular shape and freedom from shallow depression at top of bulb. Flesh pure white and extremely mild flavor. Pkt. 5c; oz. 25c; ¼ lb. 75c; lb. \$2.50.



## PEA—Giant Stride

A worthwhile late variety. Pods, extremely large, 4-5 inches long, dark green, slightly curved and very plump. Vines about two feet tall, very vigorous and of luxuriant dark green color. Pkt. 10c; ½ lb. 20c; lb. 35c; 5 lbs. \$1.25.

## RADISH—Scarlet Globe

Ideal early variety for bunching purposes. Roots of bright scarlet, elongated globe shape being 1¼ inches long when ideal for use. Flesh white, very crisp. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. 75c.

## SQUASH—Zucchini (Black Fruited Strain)

A new strain of this favorite variety of summer squash, more desirable than the “gray-striped” strain. Fruits smooth, cylindrical and of handsome deep dark green color, free from striping or mottling. Flesh very firm and of delicate flavor. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. 90c.





## VEGETABLE SEEDS

*"LAGO" Brand Seeds Known Round the World for Quality*

### ARTICHOKE—(True Artichoke)



*Artichoke, Green Globe*

**LARGE GREEN GLOBE**—Most popular and garden type, having large edible buds or flower buds of deep green color and globe or ovoid-shaped. The fleshy bud scales are broad and full at base. The plants are of medium height with large medium green thistle-like foliage. Seed, pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50. Plants (postpaid 4th zone) 15c each; 75c  $\frac{1}{2}$  doz.; \$1.35 doz.

### Jerusalem or Tuberose-Rooted

Produces potato-like tubers. The tubers, which are planted and cultivated the same as potatoes, are well known in European countries as a fine vegetable for the table. One of the best hog feeds, remarkable for their fattening properties and productiveness (over 1,000 bushes have been raised on one acre). Self rooting. An excellent feed for rabbits and other stock. Plant 10 bushes per acre. Tubers, lb. 15c; 10 lbs. \$1.25. (Postpaid 4th zone) lb. 20c; 10 lbs. \$1.50.

### ASPARAGUS

To insure even germination soak seed in water 24 hours before planting. Sow at the rate of 15-20 seed per row foot and cover 2 inches deep. Irrigate frequently and keep weeds down. In the late fall cut off all top growth and leave the roots in the bed until the following spring, when they should be dug and transplanted to the permanent bed.

The permanent bed should be worked well to 16-18 inches deep and have a heavy dressing of stable manure applied. Set roots with crowns up, 6-8 inches deep and 2 feet apart in rows that are 4 feet apart. Cover roots with 3 or 4 inches of soil. As the roots make stronger growth more dirt, a little at a time, may be hilled up over the root crowns. Do not harvest spears the first year but allow full growth. In late fall after top growth has dried, cut and burn. Repeat this same process the second season and by the third season, an abundant supply of delicious spears should be harvested.

### White or Green Spears

Both white and green spears may be cut from the same root. When spears are allowed to grow out well above the soil surface they turn green, but when cut 4 or 6 inches below soil surface they will be found to be white.

**MARY WASHINGTON**—Considered the very finest strain as it produces large round tender dark green spears. It is quite early, rust-resistant and very vigorous. Seed, pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 30c;  $\frac{1}{2}$  lb. 50c; lb. 85c. See illustration on page 7.

**CONOVER'S COLOSSAL**—Has slightly smaller and flatter spears with greater tendency to stay white than does the Washington. Very fine quality spears of excellent flavor. Seed, pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00.

**PALMETTO**—An old standard variety, large, early, prolific. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 30c;  $\frac{1}{2}$  lb. 50c; lb. 85c.

**ASPARAGUS ROOTS**—Splendid strong vigorous 1-year roots. Postpaid within 4th zone, 40c per doz.; 95c per 25; \$2.00 per 100.



## BEANS

Beans should be planted in a good warm, dry soil after all danger of frost is past. Rows should be 2-3 feet apart and plants should be thinned to 4 to 6 inches apart in rows. If planted in hills drop 6 or 7 seeds per hill with hills about 2 feet apart each way. As plants grow larger pull dirt up around stems to support plants. For succession of crop plant every two weeks until mid-summer.

### Bush—Green Pod

Bush or dwarf vine-beans are the earliest and most hardy beans and are usually the first to be planted. They need no vine support other than hilling dirt up around the stems for reasonable support. They produce plentifully on good rich soil.

**STRINGLESS BOUNTIFUL (New)** — 49 days. This important early variety is desirable for the home, market gardener and for early shipping. Plants are erect, thrifty, large leaves, flat pods  $\frac{1}{2}$  inch wide and  $6\frac{1}{2}$ -7 inches long, stringless, slightly fibrous and of fine quality. Seed is straw-yellow in color, 65 per oz. Pkt. 10c;  $\frac{1}{2}$  lb. 20c; lb. 35c; 2 lbs. 60c; 5 lbs. \$1.15; 10 lbs. \$2.05.

**BURPEE'S STRINGLESS GREEN POD** — 53 days. Very desirable for the home and market garden. The plants are large, erect, and very productive, having round pods 6 inches long,  $\frac{7}{16}$  inch across, slightly curved, medium green, very meaty, perfectly stringless and fiberless, of excellent quality, and used extensively by gardeners and for cut beans by canners. Seed is coffee brown, 75 per oz. Pkt. 10c;  $\frac{1}{2}$  lb. 20c; 1 lb. 35c; 2 lbs. 60c; 5 lbs. \$1.25; 10 lbs. \$2.20.



*Beans, Stringless Bountiful, 49 Days (New)*

**DWARF HORTICULTURAL or SPECKLED CRANBERRY BUSH (Italian Bush)**—Fine for home and market garden, this variety produces snap beans at 53 days, green-shelled beans at 62 days or dry beans after maturity. The pods in the snap stage are dark green turning to greenish yellow splashed with carmine at maturity. Pods are semi-round,  $\frac{5}{8}$  inch across and 5 inches long—stringy and somewhat fibrous. Seeds are oval, pinkish buff, spotted and streaked with maroon, 62 per oz. Pkt. 10c; lb. 30c; 2 lbs. 40c; 5 lbs. \$1.00.

**EARLY MOHAWK**—50 days. Hardy early snap pods grown mainly for early shipping in only a few sections where irrigation is not had. Pods are medium green,  $6\frac{1}{2}$  inches long, flat oval and somewhat fibrous. Seed is medium large, violet splashed with pale buff. Pkt. 10c;  $\frac{1}{2}$  lb. 20c; 1 lb. 35c; 2 lbs. 50c; 5 lbs. \$1.15.

**STRINGLESS REFUGEE**—70 days. Splendid for canning, shipping and pickling whole. Plants are large, very hardy and highly productive, bearing medium green round pods  $5\frac{1}{2}$  inches long and  $\frac{3}{4}$  inch thick, very uniform, brittle and absolutely stringless. Seeds are dark violet mottled with buff, 93 per oz. This variety differs from Refugee (or 1000 to 1, or late Refugee) by being absolutely stringless. Pkt. 10c;  $\frac{1}{2}$  lb. 20c; 1 lb. 35c; 2 lbs. 50c; 5 lbs. \$1.15.

**LAGO PIONEER (Bachicha Beans)**—Green pod, unexcelled for home garden and market or shipping. Medium fleshy pods of medium dark green color; 6 inches long, about half inch wide. Seeds kidney shaped; color, red with light blotches. Pkt. 10c;  $\frac{1}{2}$  lb. 20c; lb. 35c; 2 lbs. 55c; 5 lbs. \$1.20.

### Bush—Wax Pod

Wax beans are favored because of their beautiful light yellow color and mild flavor. Grown in the same manner as the green podded varieties and will produce equally as well. Black-seeded varieties may be planted earlier than white-seeded varieties, as they seem to be more hardy.

**SURE-CROP BLACK WAX**—An excellent variety for home garden or market. Plants are very stocky, vigorous and highly productive. Pods are round, slightly curved, fleshy, golden yellow, tender, brittle and absolutely stringless without fibre, and of finest quality.  $6\frac{1}{2}$  inches long,  $\frac{7}{16}$  inch across. Seeds black and kidney-shaped, 88 per oz. Pkt. 10c;  $\frac{1}{2}$  lb. 20c; lb. 35c; 2 lbs. 55c; 5 lbs. \$1.20.

**DAVIS WHITE KIDNEY WAX**—56 days. Usually planted for market or shipping, having fine keeping qualities. Pods are light yellow,  $6\frac{1}{2}$  inches long and  $\frac{1}{2}$  inch across, tender when young but somewhat fibrous and stringy. Seeds are white, kidney-shaped and excellent for baking. Pkt. 10c;  $\frac{1}{2}$  lb. 20c; lb. 35c; 2 lbs. 55c; 5 lbs. \$1.20.

**IMPROVED GOLDEN WAX**—49 days. A favorite for home gardens and market gardens, also used for canning. Small sturdy plants are very productive. Pods are  $4\frac{1}{2}$ -5 inches long,  $\frac{1}{2}$  inch across. Thick, flat, straight, stringless, white with mottled eye, 65 per oz. Pkt. 10c;  $\frac{1}{2}$  lb. 20c; lb. 35c; 2 lbs. 55c; 5 lbs. \$1.20.



*Asparagus, Mary Washington*



## Pole—Green Pod

Pole or running beans are less hardy than the bush sorts, so should be planted 8 to 10 days later. They are thrifty growing and heavy feeders, producing big crops if well handled. Vines should be trained on poles or on a trellis, affording easier picking and a better opportunity for continued growth and a bigger set of pods.

**BURGER'S GREEN POD STRINGLESS** (White-Seeded Kentucky Wonder)—64 days. Very fine in quality, substance and large yielding. This variety is widely used in home gardens and by shippers and canners. The pods are firm, dark green, round, 6-7 inches long,  $\frac{1}{2}$  inch across, tender, stringless and without fibers. Seeds are kidney-shaped, white and excellent for dry-shell use as well as snap beans, 90 per oz. Pkt. 10c;  $\frac{1}{2}$  lb. 20c; lb. 35c; 2 lbs. 55c; 5 lbs. \$1.15; 10 lbs. \$2.05.

**LONDON HORTICULTURAL or SPECKLED CRANBERRY** (Italian Pole)—70 days. Widely known and used as a snap and green-shelled bean by the home and market gardeners. Vigorous and heavy producer of pods, 6 inches long,  $\frac{5}{8}$  inch across, green at first but maturing to yellowish green splashed with red. When green pods are slightly curved, constricted, stringless, little fibre, very fleshy and of good quality. Beans are large, ovate, flesh-colored splashed with dark red, 50 per oz. Pkt. 10c;  $\frac{1}{2}$  lb. 20c; lb. 35c; 5 lbs. \$1.25.

**KENTUCKY WONDER or OLD HOMESTEAD**—65 days. The most popular of all pole varieties, vigorous and highly productive. Splendid for home, market garden, shipping and canning. Pods are practically round, medium light green,  $7\frac{1}{2}$ -8 $\frac{1}{2}$  inches long,  $\frac{1}{2}$  inch in diameter, slightly curved with slight constrictions, meaty, slightly stringy, fiberless, very brittle and of excellent quality and are borne in clusters of 2 to 4. Seeds are brown or dun-colored and kidney-shaped, 80 per oz. Pkt. 10c;  $\frac{1}{2}$  lb. 20c; lb. 35c; 2 lbs. 55c; 5 lbs. \$1.15; 10 lbs. \$2.05.

**MILANESE or MILAN**—This is a splendid variety very little known but is one of the very finest for the home and market gardens. The delicious pods are deep green, 5 to 6 inches long,  $\frac{1}{2}$  to  $\frac{3}{4}$  inches broad, very thick and meaty with absolutely no strings up to time of full maturity and practically fiberless. The seeds are blotchy, oval-shaped, and light brown with eccentric dark brown indefinite circles arising from the eye. Pkt. 10c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 5 lbs. \$1.50; 10 lbs. \$3.00.

**OREGON GIANT GREEN POD**—Recently introduced from Oregon. Pods 10 to 12 inches long, large, fleshy, stringless, and tender. Color of pods light greenish yellow, splashed red. Very productive, bearing pods in clusters. Pkt. 10c;  $\frac{1}{2}$  lb. 25c; lb. 45c.

**SCARLET RUNNER**—90 days. Largely grown as an ornamental, for its attrac-

tive flower clusters. The shelled beans are quite palatable and serve the same purpose as shelled Limas in sections too cold to produce Limas. The pods are also good for cooking when young. Seed, large and broad, being scarlet, blotched with black. Pkt. 10c;  $\frac{1}{2}$  lb. 25c; lb. 45c; 5 lbs. \$1.50.

**WHITE CREASEBACK or BLUE LAKE**—62 days. A very good home and market garden snap bean. It produces a heavy crop of pods which are dull green, fleshy, quite stringless, in young stage, tender,  $5\frac{1}{2}$ -6 inches long,  $\frac{1}{2}$  inch wide, round and with a distinct crease back. Seeds are small, oval, ivory white, 120 per oz. Pkt. 10c;  $\frac{1}{2}$  lb. 20c; 1 lb. 35c; 2 lbs. 50c; 5 lbs. \$1.25.

**YARD LONG or CHINESE**—Introduced into this country from China and has been grown for many years by the Chinese gardeners, mostly for their own consumption. Pods are round, usually 18 to 24 inches long, but frequently 30 to 36 inches in length. Tender and of good quality, somewhat different in taste from other beans—an interesting novelty. Seed very small, kidney-shape, reddish brown. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb 25c; lb. 75c.

## Pole—Wax Pod

**KENTUCKY WONDER WAX**—76 days. Very similar to the green podded Kentucky Wonder, except the pods are a little broader and of handsome light yellow color, often 8 to 10 inches in length. They are very fleshy and stringless as snaps and of excellent quality. Seeds are medium sized, oval, flattened, very irregular, usually somewhat shriveled, and dark brown, 80 per oz. Pkt. 10c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 5 lbs. \$1.50.

## Butter Beans

In the northern latitudes the term "butter beans" is often applied to beans producing wax pods, while in the south the term is usually applied to Limas.



Beans, Kentucky Wonder



## FAVA BEANS

(Horse Beans or Broad Windsor Beans)

**IMPROVED GIANT LONG POD**—73 days. This is a late variety used largely for green shell beans. Plants are very large, erect and strictly bush and very heavy producers. The pods are a glossy light green color, 8-10 inches long, 1¾ inches broad and flat with usually 6 seed per pod. The seed is large oval and flat, light green color turning to tan-like brown, 13 per oz. Pkt. 10c; lb. 25c; 10 lbs. \$2.00.

### BEANS, Field or Commercial Varieties

These are not planted for snaps but are grown for dry or shelled beans for commercial purposes. Prices on commercial varieties of bean fluctuate and when larger quantities are desired than are quoted here, we advise writing us or calling for current market prices.

**BLACK EYES**—Also known as Black Eye Peas. Lb. 20c; 10 lbs. \$1.50.

**GARVANZA** or Garbanza—Also Chick Pea. Lb. 25c; 10 lbs. \$2.00.

**LENTILS**—Lb. 20c; 10 lbs. \$1.50.

**PINKS**—Lb. 15c; 10 lbs. \$1.00.

**RED KIDNEY**—Lb. 20c; 10 lbs. \$1.50.

**RED MEXICANS**—Lb. 20c; 10 lbs. \$1.50.

**SPECKLED CRANBERRY**—(See page 4.)

**LARGE WHITES**—(Lady Washington) Lb. 20c; 10 lbs. \$1.50.

**SMALL WHITES**—(Navy White) Lb. 20c; 10 lbs. \$1.50.

## LIMA BEANS

### Bush and Pole Varieties

Lima Beans are very susceptible to cold and seeds should not be planted until the ground has become thoroughly warm. They are gross feeders and the ground should be well fertilized for the best results. If possible select rich, light soil. Dwarf Limas are fully equal to pole Limas in quality and as a rule are earlier maturing. Plant dwarf varieties in drills two to three feet apart, dropping the beans three to four inches apart and covering 1½ to 2 inches deep. If planted in hills, make the hills 2 to 3 feet apart one way and 2 to 2½ feet the other way, planting 4 to 6 beans in a hill. The culture of pole Limas is the same as for other pole beans except that, being more tender, they should be planted one to two weeks later. When planting in firm soil it will be found advantageous to place the beans on edge with the eye down, as when planted in this manner they germinate and come up more readily.

**BURPEE'S IMPROVED BUSH LIMA**—75 days. Plants are vigorous and productive. Pods very large, about 5 inches long, thick and usually containing four beans, which are unusually thick, of largest size and excellent quality. A little the earliest of the large seeded varieties. Extensively grown for home and market. Pkt. 10c; ½ lb. 20c; lb. 35c; 2 lbs. 60c; 5 lbs. \$1.25.

**FORDHOOK BUSH LIMA**—75 days. An excellent variety. The pods, which are produced in clusters, are about 4¾ inches long and each pod contains three to five large beans of fine quality. Planted for both home and market, and becoming more popular. Seed, large, irregularly oval in shape and very thick. Pkt. 10c; ½ lb. 25c; lb. 35c; 2 lbs. 60c; 5 lbs. \$1.25.

### HENDERSON'S BUSH LIMA

— Also known as BabyLima. Early hardy and productive. Pods are short, about 2¾ inches, flat, and contain 2 to 4 beans which are of excellent quality, either green-



*Fava Beans, Improved Giant Long Pod*

shelled or dry. These are much used by canners, as well as for home and market and are grown on a large scale in California for commercial purposes. Seed, small, flat and white with slight tinge of yellow. Pkt. 10c; ½ lb. 15c; lb. 25c; 5 lbs. \$1.00.

**KING OF THE GARDEN POLE LIMA**—The most popular of all Lima beans, requiring poles or supports. The pods are very large, 5 to 6 inches long, broad, flat, filled with four or five very large white beans of finest quality. On account of its large pods it is a favorite with the market gardeners. It will come into bearing earlier and make larger pods if not more than two vines are allowed to grow on each pole. Pkt. 10c; ½ lb. 20c; lb. 35c; 2 lbs. 55c; 5 lbs. \$1.25.



*King of the Garden Lima Beans*



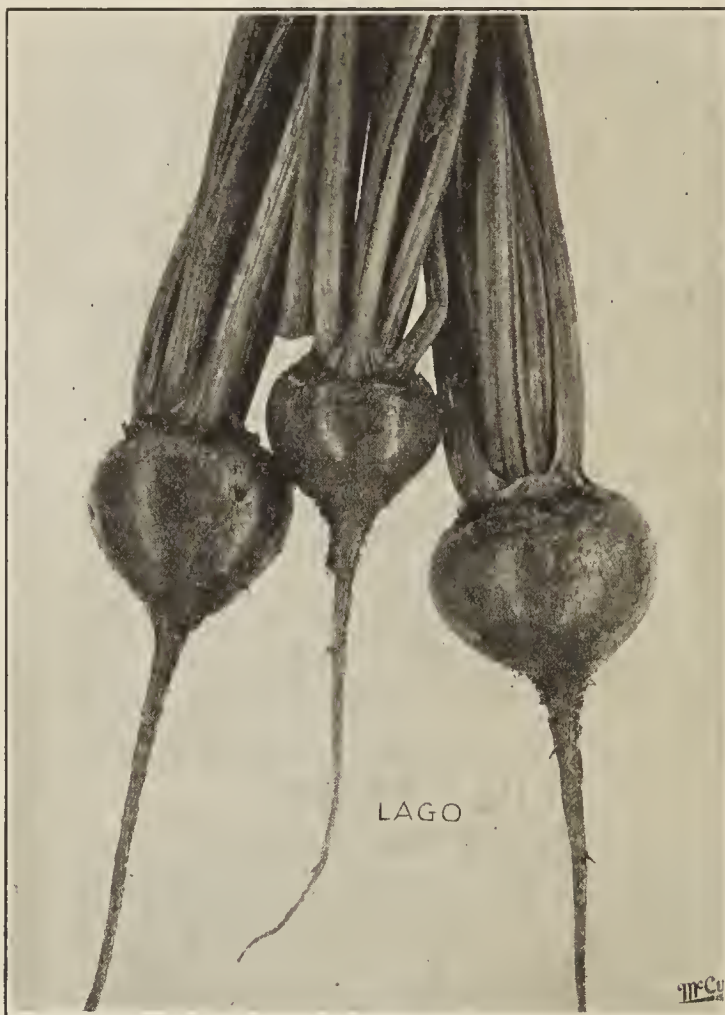
## BEETS

Beets can be sown almost the year around in California. February and March are the two best months for sowing for the main spring crop, and August and September are the two best months for sowing for the main fall and winter crop. For a successive or continuous crop seed can be sown from February to November. Drill in rows 12 inches apart, covering the seed about an inch deep and pressing the soil firmly over the seed. The soil should be light, fairly rich, and kept moist if one wishes tender roots of good color. Beets are at their best when gathered while quite young, when the bulbs average 2 inches in diameter, no more. To secure a uniformly well shaped product, seedlings should be thinned out to stand 3 to 4 inches apart in the row. Those that are pulled up will make good greens or may be transplanted to other rows. In field culture, however, thinning is not necessary.

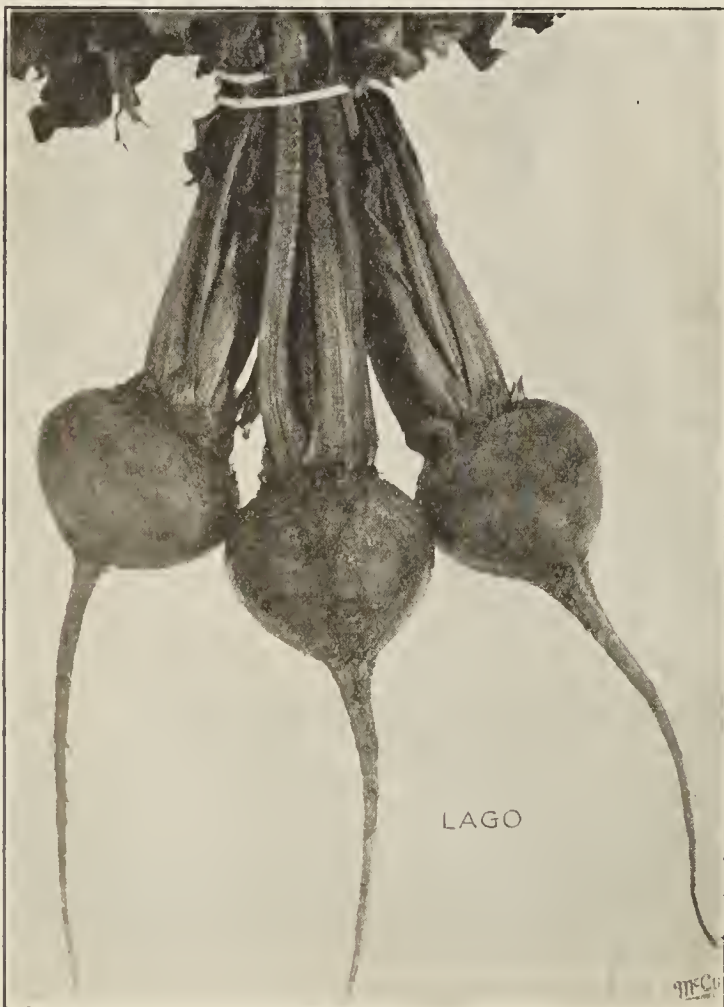
### Table Varieties

**CROSBY'S EGYPTIAN**—50-55 days. This is an extra early variety for home and market garden. Tops are medium sized and roots are flattened globe-shaped with a small tap root, and dark red in color. The flesh is dark purplish red with comparatively indistinct zoning of a slightly lighter color; very tender and sweet. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c;  $\frac{1}{2}$  lb. 60c; lb. \$1.00. Color illustration, inside front cover.

**DETROIT DARK RED**—55 days. This is an outstanding variety for every purpose, the home, market gardeners, truckers, shippers and can-



*Beet, Crosby's Egyptian*



*Beet, Early Blood Turnip*

ners. The tops are uniform, small, tender, erect, dark glossy green tinged with red. Roots are globular, smooth, very uniform and attractive deep oxblood red with small collar and small tap root. Flesh is very dark red and uniform throughout, zoning being very indistinct. The splendid high quality of the tender, sweet root remains until full maturity is reached. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c;  $\frac{1}{2}$  lb. 60c; 1 lb. \$1.00.

**EARLY BLOOD TURNIP**—60 days. Medium early variety for home and market gardens. Roots are smooth turnip-shaped with tops shorter than Crosby's Egyptian but fairly coarse. The flesh is a deep purplish red, zoned with a lighter shade, and is very sweet, crisp and tender. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c;  $\frac{1}{2}$  lb. 60c; 1 lb. \$1.00.

**EARLY WONDER**—50-55 days. Valuable to truckers, shippers and home gardens as a first early variety, very fine for fall planting. Tops are small and erect, having a small collar or crown. Roots are flattened globe in shape with very small tap root, dark purplish red in color with flesh of like color and zoned a lighter shade. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c;  $\frac{1}{2}$  lb. 60c; 1 lb. \$1.00.

### Stock Beets (Mangel Wurzel)

Valuable as stock feed, doing well in almost any soil type, deep loams, however, are necessary for the long rooted types. Plant early in the spring. Seed should be dropped 1 inch apart or rows  $2\frac{1}{2}$  feet apart. Cover with  $1\frac{1}{2}$  inches of soil and pat firmly. Thin plants to 10 inches when around 3 inches high.



## STOCK BEETS (Continued)

Write for Quantity Prices

**GIANT (Sugar Rose Top)**—The large roots are long, oval tapering, smooth and clear, growing half out of the ground. The skin is a rose-white with deep rose-colored shoulder. Flesh is white with high sugar content, making it high in food value. Pkt. 5c; oz. 10c; 1 lb. 55c; 5 lbs. \$2.50; 10 lbs. \$4.75.

**GOLDEN TANKARD**—The root is quite large and of an almost cylindrical shape, narrowing abruptly at both ends. The skin is deep orange-red and the flesh is zoned with yellow and white and is very nutritious. Pkt. 5c; oz. 10c; 1 lb. 55c; 5 lbs. \$2.50; 10 lbs. \$4.75.

**LONG RED**—This is the largest of all the Mangels. The root is 15 to 18 inches long, over 6 inches thick, and with a heavy shoulder. It grows one-half above ground and is easily pulled. Pkt. 5c; oz. 10c; 1 lb. 55c; 5 lbs. \$2.50; 10 lbs. \$4.75.

**RED ECKENDORF**—Roots are very large, thick, cylindrical, slightly compressed at mid-section and blunt. A good portion of the root grows out of the ground, this portion being red, with portion below the surface rose-colored. One of the finest stock beets and recommended for planting on a large scale. Pkt. 5c; oz. 10c; lb. 55c; 5 lbs. \$2.50; 10 lbs. \$4.75.

### Sugar Beet

**KLEIN WANZEBEN**—This variety is most desirable and most widely used for sugar manufacture. It is also very roots are long with thick shoulders, tapered, skin grey-white, and flesh of solid white color. Pkt. 5c; oz. 10c; 1 lb. 55c; 5 lbs. \$2.50; 10 lbs. \$4.75.



Stock Beet, Long Red



Broccoli, February

### Broccoli Turnip

A cross between the Sprouting Broccoli and Turnip. The growth, cultural requirements the same as for the Sprouting Broccoli and should be served in the same manner as Broccoli. The flavor is like Mustard or Turnip greens but milder. Pkt. 10c; ½ oz. 25c; oz. 40c.

## BRUSSELS SPROUTS

This plant belongs to the Cabbage family and is very hardy. It bears a mass of Cabbage-like leaves at the top and 3 or 4 dozen miniature Cabbage heads or sprouts 1-2 inches in diameter clustered around the main stem. These are broken off and cooked the same as Cabbage.

**LONG ISLAND IMPROVED**—Plants are of dwarf habit about 20 inches high, yielding a great number of sprouts of excellent quality. Does better than any other variety under all conditions. Pkt. 5c; oz. 25c; ¼ lb. 75c.



Italian Green Sprouting (True Calabrese)

## BROCCOLI

**ITALIAN GREEN SPROUTING (Calabrese)**—This is distinctly different from the Cauliflower-like white heading type. It bears a succession of sprouts 5 to 6 inches long terminating in a small head of deep green buds. If kept cut these sprouts will be replaced by others for 8 to 10 weeks. They are indeed nourishing, tender, and delicious and best when cooked 15 to 20 minutes and served in the same manner as asparagus spears. Pkt. 5c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.20; ½ lb. \$2.20; lb. \$4.00.

### BROCCOLI—Cauliflower Type

This type of Broccoli has plant characteristics similar to Cauliflower and produces fine large heads that are equal in size and quality to the best varieties of Cauliflower but requires a longer growing season. Seed sown in July produces mature heads the following spring from January through April, depending on the variety.

**CALIFORNIA LATE PEARL**—Matures in January. Plants short-stemmed, compact, with medium green leaves. With a well protected pure white head. Pkt. 10c; ¼ oz. 60c; oz. \$2.00; ¼ lb. \$6.50.

**FEBRUARY**—Matures in February. Large solid white heads on a compact plant, bluish green foliage. Pkt. 10c; ¼ oz. 60c; oz. \$2.00; ¼ lb. \$6.50.

**ST. VALENTINE**—Matures in March. This is a standard and shipping variety with splendid large solid pure white full protected heads. Pkt. 5c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.50.

**LAGO GIANT MARCH**—Matures in late March and early April. It produces giant sized heads that are very solid and uniform. It holds the pure white color exceptionally well. Pkt. 5c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.50.



## CABBAGE

To raise Cabbage successfully is not difficult, as it is comparatively easily grown. Cabbage, like Cauliflower and Lettuce, is not a good summer crop in the Sacramento Valley as it will not head up in the extremely hot weather. Sow seed in open beds and when the plants are sufficiently large, which is usually six to eight weeks after seed is sown, transplant to the permanent fields in rows, 18 inches apart and the rows 30 inches apart. For fall and winter Cabbage sow seed in May, June and July. For spring Cabbage sow in August and September.

### First Early Varieties

**COPENHAGEN MARKET**—66 days. The plants are very uniform, definitely early, small and compact, permitting close planting. Fine uniformly round firm heads with few outer leaves are borne on short sturdy stem, 6 to 7 inches in diameter and weighing 3½-4 lbs. Splendid for home, early market, and shipping and for kraut usage. Interior is white and of superior quality. Pkt. 5c; oz. 35c; ¼ lb. 95c; lb. \$2.25.

**EARLY JERSEY WAKEFIELD**—63 days. This extremely early variety is particularly valuable for home and market garden as well as for shipping. The plants are small and short stemmed and bear conical heads 7 inches long and about 5 inches broad at the base, weighing 2 to 2¼ lbs. Pkt. 5c; oz. 30c; ¼ lb. 75c; lb. \$2.50.

**GOLDEN ACRE**—62 days. This is the earliest round head or Copenhagen Cabbage type and is of exceptionally fine quality. Plants are small, compact, short stemmed with uniform round firm heads, 6-7 inches in diameter, weighing from 3 to 4 lbs. Pkt. 5c; oz. 40c; ¼ lb. \$1; lb. \$3.25.

### Intermediate Varieties

**LAGO EARLY FLAT DUTCH**—For over 20 years we have continued to constantly select and improve in this strain and we highly recommend it, particularly so, for planting in the Sacramento Valley. It is uniform in heading, producing a popular sized, solid, heavy, medium flat head, weighing 6 to 7 lbs. Sow seed in May and June to mature in October, November and December. Sow seed first 2 weeks in July to mature in January and February. Sow seed first week in October and it will mature in May and June the following spring. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$6.00.

**LAGO EARLY YORK**—This is a fine large pointed head type of excellent tender quality. Its best use is for the home garden as it is too tender to ship well. We have faithfully kept up our strain of this old favorite in order to supply our friends who enthusiastically demand this fine strain. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; 1 lb. \$6.00.



*Cabbage, LAGO EARLY Flat Dutch*

**EARLY WINNINGSTADT**—77-80 days. This is a very hardy short-stemmed, vigorous, and a dependable header. It is used largely for market gardens and shipping. The heart-shaped heads are solid and fine and slightly smaller than those of Early York, being 8 to 10 inches long and 6 to 7 inches at base. The leaves form a distinct twist at point of head. Pkt. 5c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.00.

### Late Varieties

**CANNON BALL or DANISH BALDHEAD** — (Short-stemmed) One of the finest late Cabbage for home garden, shipping or for kraut. Plants are medium sized, short stemmed, with large flat globe-shaped heads, 8 to 9 inches across and 6 to 7 inches deep, very hard and solid. They keep excellently in storage. Pkt. 5c; oz. 30c; ¼ lb. 90c; 1 lb. \$2.50.

**LAGO LATE FLAT DUTCH**—This is another of our specially selected strains constantly improved over a number of years to supply the extensive demands for Sacramento Valley conditions. The heads are slightly larger than the earlier strain, very hard and heavy. Seed should be planted the first part of July, then heads will be harvested in February and March of following season. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; 1 lb. \$6.00.



*Cabbage, LAGO EARLY York*





Cabbage, Savoy or Curly

## Late Varieties

(Continued)

**MAMMOTH ROCK RED** — The largest and surest heading red cabbage. Heads round, very solid, and of very attractive deep red color. This variety is much used for cole slaw and pickling. Pkt. 5c; oz. 30c;  $\frac{1}{4}$  lb. 90c;  $\frac{1}{2}$  lb. \$1.40; 1 lb. \$2.50.

**SAVOY GREEN GLOBE**—Also known as "Curly Cabbage". Much prized by home gardeners and for market use. Leaves are a rich bright green, very crinkled or blistered-like. Heads are flattened globe-shaped, medium size and firm. The interior leaves crumpled, light yellow, sweet, crisp and tender. Pkt. 5c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50.

## Chinese Cabbage

This is not a true cabbage and is sometimes called Celery Cabbage because of the shape of the heads. The leaves are more like those of turnip in color and texture and are splendid when used for greens. The creamy white heads consist mainly of the base of the leaves which have an extremely broad or expanded mid-rib and are decidedly tender, fine in flavor and equal in quality to Swiss Chard. Sow seed in late August or September and thin plants to 10 to 15 inches in the rows which should be 2 ft. apart. This



Chinese Cabbage, Pe Tsai

species will "bolt" or fail to form heads during hot weather, so late planting is best.

**CHI-HI-LI**—This variety produces compact heads 18 to 20 inches tall,  $3\frac{1}{2}$  to 4 inches thick, tapering near the tip. They are well bunched, crisp, tender, sweet, and resemble a celery head when outer leaves are removed. A fine variety. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.50.

**PE TSAI**—This is a popular early pure heading type with heads 15 to 18 inches tall. The outer leaves are dark green which enclose a cylindrical tapering head resembling Cos Lettuce, very compact, white tinted green, crisp and sweet. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.50.

**WONG BOK**—This variety produces a short, thick, compact head, 9-11 inches tall, closely packed with delicious blanched leaves, and having outer leaves curving inward, being entirely self-folding. Heads weigh from 5 to 8 pounds and are good all the way through. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.50.

**CHINESE CHICKEN CABBAGE**—This strain we offer for those who wish to grow cabbage primarily for greens. While not of the perfect heading quality of the preceding, for this purpose it is very satisfactory. Pkt. 5c; oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 75c.

## CARDOON or CARDONI

This vegetable is highly prized by the Italian people and is increasing in popularity in the American home as it becomes better known. The full grown plant somewhat resembles a mature Artichoke plant. The stalks may be boiled until tender, then fried in an egg batter or used in stews. Stalks require blanching and should be grown somewhat like Celery spaced 2 feet in rows which are 4 feet apart. Sow seed in March or April, transplanting to field when plants are strong enough. Good rich soil is best, as these plants are gross feeders.

**LARGE SPANISH SPINELESS**—This plant produces tall, fleshy leaf stalks and ribs, with gray-green smooth spineless foliage. Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; 1 lb. \$2.50.



Cardoon or Cardoni



## CARROTS

Carrots require only average simple care and have no serious insect or disease pests. Sandy loam is the best soil type, however, almost any soil that is thoroughly and deeply worked will produce a good crop. Soil that has been richly fertilized the previous season is ideal as newly fertilized soil is apt to cause split roots. Plant seed in rows 16 to 18 inches apart and cover one-half to one inch, pressing the soil down firmly. February is a good month to sow for the spring crop, and August for the fall crop. However, an almost continuous crop may be harvested by sowing seed at 4-6 week intervals throughout the year.

**CHANTENAY**—70 days. A most excellent, medium early, half long variety. Roots are 5½ inches long, stump rooted and a deep orange-red in color. One of the most popular for bunching. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

**CHANTENAY RED CORE**—70 days. This is a distinct improvement over the regular Chantenay strain in that the color of both the flesh and core are a uniform deep reddish-orange, the yellowish coarse core having been eliminated. Outside of this remarkable Red Core improvement the strain resembles the regular Chantenay, and is fast increasing in popularity which it greatly deserves. A heavy yielder and stands storage well. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

**CALIFORNIA BUNCHING**—Highly recommended for the home garden, market garden and for long distance shipment as a bunching Carrot. The tops are short, coarsely cut with medium sized strong stems. The roots are very smooth, almost cylindrical in shape, well stumped, 8 inches long and from 1 to 1½ inches in diameter at maturity. The splendid sweet flavor and excellent interior quality make this an outstanding variety. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

**DANVERS HALF LONG**—Extensively planted by market gardeners and fine for the home garden. The orange-scarlet roots measure 8 inches long and about 2½ inches wide at the shoulder, tapering to a half-point or stump-root at the bottom. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00.



*Carrots, Danvers Half Long*

**FRENCH FORCING**—Earliest of the short horn types, almost globular in shape, 2 inches long and 2 inches deep, very stumped. The small tops are finely cut. Roots are a reddish-orange color throughout and are most excellent in flavor. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

**LONG ORANGE IMPROVED**—The roots this variety are very deep orange, long and comparatively thick, often 12 inches in length and 3 inches in diameter at the crown, tapering regularly to a point. This sort is suitable for the table and also for stock feeding. When of the size suitable for the table the roots are tender and of good quality. Does best on light, deep rich soil. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.



*Carrots, Chantenay, Red Core*

**WHITE BELGIAN**—Roots 8 to 10 inches in length, 3 to 4 inches in diameter at the top. Color, white with light green crown. One of the best field carrots because of its enormous productiveness and the ease with which it can be harvested. Pkt. 5c; oz. 15c; ¼ lb. 30c; 1 lb. 85c.

**OXHEART or GUERANDE**—Especially adapted to hard soils where it is difficult to grow the long rooted sorts. The mature roots are 4½ to 5 inches long and 3½ inches thick at the shoulder, tapering slightly to a very stump root. Fine for the table in the younger stages and widely used for stock feed owing to its high quality, productiveness and ease of harvesting. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00.



*California Bunching Carrot*



## CAULIFLOWER

The same cultural methods that produce good cabbage will do likewise for Cauliflower. Being a heavy feeder Cauliflower requires a little more fertile soil, and, too, the heads should be protected from the sunlight by gathering the tops of the leaves together loosely in order to produce the pure white curd-like head. Seed sown in June, July and August and transplanted to the field will mature heads in Oct., Nov. and Dec.

**EARLY SNOWBALL**—This is the earliest and one of the finest types for home forcing, early market and shipping. The plants are very dwarf with deep, smooth, snow white, compact heads 6 inches across and weighing 1½ to 2 lbs., surrounded by a few short upright leaves. Pkt. 10c; ¼ oz. 75c; oz. \$2.50; ¼ lb. \$7.50.



*Cauliflower, Danish Giant*

**DANISH GIANT or DRYWEATHER**—This variety comes in as Snowball finishes. It is one of the most dependable varieties and is well adapted to dry weather conditions. Plants are short stemmed, but a little larger than Snowball. Fine, large, firm, white heads of excellent quality 6-7 inches across, commonly weighing 1-2 lbs, are well protected by the large upright leaves. Pkt. 10c; ¼ oz. 50c; oz. \$1.50; ¼ lb. \$5.

The seed of both Early Snowball and Danish Giant are grown for us by a European specialist and has always given the very finest results.

**VETCH'S AUTUMN GIANT**—The finest of late Cauliflowers, producing large plants having dark green leaves with heavy white mid-ribs. Heads are large, solid, somewhat rough, white, and well protected by the foliage and of splendid quality. Pkt. 5c; oz. 50c; ¼ lb. \$1.50; lb. \$5.00.

## CELERY

Celery seed takes 2-3 weeks to germinate. It will germinate well at comparatively low temperatures. Plants require abundant moisture, but will not stand flooding. The soil should be rich, fine and loose. Sow seed in beds covering only ¼ inch deep and prick out to 3 inches each way when seedlings have 3 or 4 leaves. When 2½-3 months old transplant to field trenches that are 5-6 inches deep and 2 feet apart, spacing the plants 8-12 inches. Blanching is done by hilling up with soil, tying up with burlap or special blanching paper or with boards. For fall and winter crop plant from February to April.

**GOLDEN SELF BLANCHING (New Improved Tall)**—Practically immune from "Black-Heart" because the heart is very compact and the tall erect stalks are close fitting. This variety is particularly desirable for long shipments as well as being highly prized in the home and market garden. The stalks are thick, 9-11 inches long below the first leaf-knot, straight, quite broad, ivory white, crisp, and of a fine nut-like flavor. The foliage is yellowish-green turning to golden yellow with a slight earthing up. Pkt. 5c; ½ oz. 50c; oz. 90c; ¼ lb. \$2.75; lb. \$10.00.

**GOLDEN SELF BLANCHING**—Dwarf. Long considered the standard shipping variety. Plants are stocky and dwarf with thick, broad, crisp, delicious nut-like flavored stalks which blanch to a creamy white. Pkt. 5c; ½ oz. 50c; oz. 90c; ¼ lb. \$2.75; lb. \$10.00.



*Celery, New Improved Tall Golden Self Blanching*



## CELERY (Continued)

**GOLDEN PLUME or WONDERFUL**—This variety is about two weeks earlier and has slightly larger bunches, and blanches easier than Dwarf Golden Self Blanching. Recommended for the home and market garden because of its splendid quality and ease of blanching. Pkt. 5c;  $\frac{1}{2}$  oz. 60c; oz. \$1.00;  $\frac{1}{4}$  lb. \$3.25; lb. \$12.00.

**GIANT PASCAL**—A splendid winter variety. Large stocky plants with dark green leaves. Stalks are short, broad, very thick, crisp and tender, blanching to a yellowish-white color. Pkt. 5c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.00.

**UTAH**—This is a new outstanding late fall variety, maturing about two weeks earlier than Giant Pascal. The plants are medium sized, sturdy, extremely solid and compact. Stalks are broad, thick, well rounded, stringless and unequalled by any Celery for flavor, being meaty yet crisp, sweet and juicy. Although easily blanched, this variety is popularly sold unblanched. The rich, thrifty green stalks are very attractive and delicious. Pkt. 5c;  $\frac{1}{2}$  oz. 50c; oz. 90c;  $\frac{1}{4}$  lb. \$2.75; lb. \$10.00.

**WHITE PLUME**—Valuable extra early market variety. Leaves are bright green tinted white with solid crisp stalks, readily bleaching to a silvery white. Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

## CELERIAC . Celery-Root, or Turnip-Rooted Celery

In this kind of Celery the roots and not the leaf-stalks are the edible portion. Sow seed same as for Celery. When plants are sufficiently large transplant in rows 12 to 24 inches apart and 6 to 9 inches in the row. When roots are 2 inches in diameter they are ready for use. A fine vegetable and should be better known.

**GIANT SMOOTH PRAGUE**—An improved variety producing large roots of nearly globular shape, and comparatively smooth surfaced. Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

## CHERVIL

An easily grown and most useful vegetable. The aromatic leaves are crisped or curled. It constitutes the basis of the French mixture known as "Fines Herbes", the accompaniment to a great number of dishes and salads. The rows should be about one foot apart and cultivated like parsley.

**FINE CURLED**—This is a finely curled double variety, early maturing, vigorous grower, having a pleasing fragrance and flavor. Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c.

## SWISS CHARD or SPINACH BEET

Swiss Chard is grown for greens, the large well developed outer leaves being picked from time to time. Seed should be sown from February to July in rows 18 inches apart and plants thinned 8 to 10 inches apart. The earlier the seed is sown in the spring the longer will be the bearing season. Soil requirements and cultural conditions are otherwise the same as for Beets. The splendid broad white mid-rib as well as the rich leafy portion is highly prized as a table vegetable, being used as a substitute for Spinach and is cooked in much the same manner. Chard also is excellent for chickens.

**LUCULLUS**—Leaves are large, rich light green, and slightly crumpled and savoyed with a narrow or small white stalks and mid-rib. Very tender and delicious. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.00.

**LARGE RIBBED WHITE**—Smooth dark green leaves with large broad stalks and mid-ribs. The white portion may be served separately as asparagus and is also used for pickling. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.00.



Swiss Chard or Spinach Beet, Lucullus



## SWEET CORN

Plant from February 15 to August 1. However, if the soil is cold and wet it is best to wait until the soil is warm. Plant in hills 18 inches apart and the rows 3 feet apart, dropping 5 to 7 seeds to each hill and thin out to two of the healthiest plants when about 5 inches high. Remove all side shoots or "suckers" from the plant, leaving only the two top ones as these will produce the largest and best ears. Corn is at its best when picked and eaten within an hour, but it is extremely important that it be picked just at the right time.

**ALAMEDA SWEET**—A standard medium early market variety developed by market gardeners in Alameda County. Ears have 10-14 rows, and 8 to 9 inches long, and protected by strong husks. The kernels are large, deep, ivory white, with tender skin and deliciously sweet. Pkt. 10c;  $\frac{1}{2}$  lb. 20c; lb. 35c; 5 lbs. \$1.50.

**BANTAM or GOLDEN EVERGREEN** — Has the good qualities of Golden Bantam combined with those of the Evergreen, comes in after the early sorts. Color a rich golden yellow. Ears about 8 inches long. Pkt. 10c;  $\frac{1}{2}$  lb. 20c; lb. 35c; 5 lbs. \$1.50.

**GOLDEN BANTAM**—The most popular of all first early sweet corns and planted in nearly every garden. The ears are about 6 inches in length, with 8 rows of kernels on a cob; of the finest quality, very sweet and tender. Pkt. 10c;  $\frac{1}{2}$  lb. 20c; lb. 35c; 5 lbs. \$1.50.



*Whipples Early Yellow*

**COUNTRY GENTLEMAN**—The popular Shoe Peg Corn. Ears average 7 inches long by 2 inches in diameter. Deep grains in irregular rows on cobs and deliciously sweet, tender and milky. Now the leading canning variety, both commercially and for the home. Considered by many the richest flavored of all late corns. Pkt. 10c;  $\frac{1}{2}$  lb. 20c; lb. 35c; 5 lbs. \$1.50.

**GOLDEN SUNSHINE**—This variety matures 7 to 10 days earlier than Golden Bantam, thus furnishing a splendid golden yellow ear  $6\frac{1}{2}$  inches long with 10 to 12 rows of fine quality to compete with the early white varieties. The plants are very vigorous and bear two fine ears per stalk. Pkt. 10c;  $\frac{1}{2}$  lb. 20c; lb. 35c; 5 lbs. \$1.50.

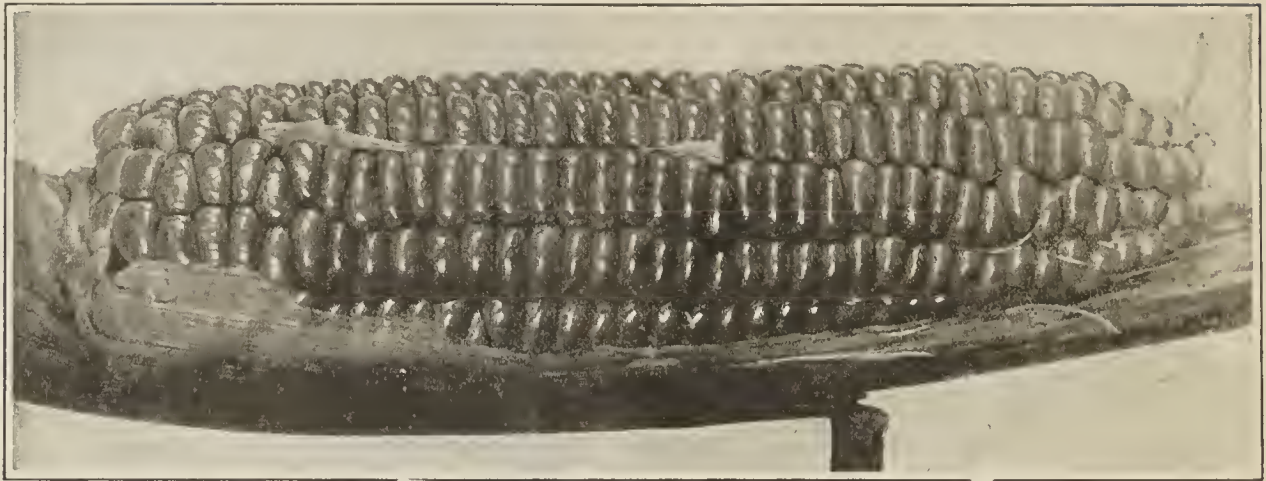
**BLACK MEXICAN** (also known as Squaw or Blue Corn)—Not recommended for planting for the market on account of its color but an excellent variety for the home garden. Although when ripe the seed is dark bluish or black, when ready for table use it is white. It is of especially fine sweet flavor and very tender. Medium early. The ears have 10 rows of kernels. Pkt. 10c;  $\frac{1}{2}$  lb. 20c; lb. 35c; 5 lbs. \$1.50.

**OREGON EVERGREEN**—Earlier than Stowell's Evergreen. Kernels are white, sweet and fine. Ears rarely less than 8 inches long covered with a tight thick husk which makes it desirable for the market as it keeps its quality well. Pkt. 10c;  $\frac{1}{2}$  lb. 20c; lb. 35c; 5 lbs. \$1.50.

**STOWELL'S EVERGREEN**—A late corn, ears large, 16 to 18 rows to the ear. Kernels long and meaty and of fine quality. This variety is also used for fodder on account of its succulent stalks which grow to 6 feet or more. Pkt. 10c;  $\frac{1}{2}$  lb. 20c; lb. 35c; 5 lbs. \$1.50.

**GOLDEN COUNTRY GENTLEMAN**—Here we have the Golden Bantam and Country Gentleman united, retaining all the sweetness and fine flavor of both, with the size and shape of Country Gentleman and color of Golden Bantam. Pkt. 10c  $\frac{1}{2}$  lb. 20c; lb. 35c; 5 lbs. \$1.50.



*Golden Bantam*

**WHIPPLES EARLY YELLOW (New)**—This new variety is double the size of Golden Bantam, only a few days later, and is of fine quality. The ear is 7 to 9 inches long and has 12 to 16 rows of large kernels. An important market gardeners' variety. Pkt. 10c;  $\frac{1}{2}$  lb. 20c; lb. 35c; 5 lbs. \$1.50.

## CRESS

Sow seed in spring as soon as ground can be worked, in rich well prepared soil, in shallow drills 12 to 16 inches apart, covering with about  $\frac{1}{2}$  inch of fine soil firmly pressed down. Does best during the cool months.

**FINE CURLED or PEPPER GRASS**—The leaves of this small salad are much frilled or curled, and are much used in garnishing. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 30c.

**TRUE WATER**—This is a distinct variety of Cress with small, oval leaves. It does best when its roots and stems are submerged in water, although a fair growth may be obtained in soil which is kept wet. Pkt. 5c; oz. 40c;  $\frac{1}{4}$  lb. \$1.20.

## CORN SALAD

(Fetticus or Lamb's Lettuce)

*Corn Salad*

A fine salad plant, both stems and leaves being used. Often used as substitute for Lettuce and Endive. Drill seed in rows 12 inches apart covering seed  $\frac{1}{4}$  inch with fine rich soil and press down firmly. It is best grown for late fall, winter and early spring use. If sown in the spring the tender delicious leaves can be harvested in 6 or 8 weeks.

**LARGE SEEDED**—Vigorous grower, producing large healthy plants with round light green leaves. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 50c;  $\frac{1}{2}$  lb. 75c; lb. \$1.25.

**POP CORN—White Rice**—Ears short, kernels white, long, somewhat resembling rice. Easily grown; should not be planted near sweet or field corn as it mixes easily with other types. Pkt. 10c;  $\frac{1}{2}$  lb. 20c; lb. 35c; 2 lbs. 50c.

## FIELD CORN

*Field Corn*

Field corn is largely grown and used for feed purposes. It is the most outstanding silage crop and furnishes an abundance of the proper nutrients for stock growth. These varieties are also largely used for poultry feed as dry grain in cracked form.

**KING PHILLIP**—A hard yellow flint corn and is generally referred to as a 90-day corn. It is drought resistant and will give a good yield where most corns are a failure. The best variety for general purposes. Lb. 25c; 10 lbs. \$1.50.

**RIED'S YELLOW DENT**—A very popular yellow dent corn for seed and silage. Lb. 25c; 10 lbs. \$1.50.

**HICKORY KING**—This corn is entirely distinct from all other varieties, having the largest grain with the smallest cob. Very productive white dent variety maturing in 110 days. Lb. 25c; 10 lbs. \$2.00.

**NOTE:** Prices listed are postpaid to 4th postal zone. For larger quantities please write for special quotations.



## CHIVES

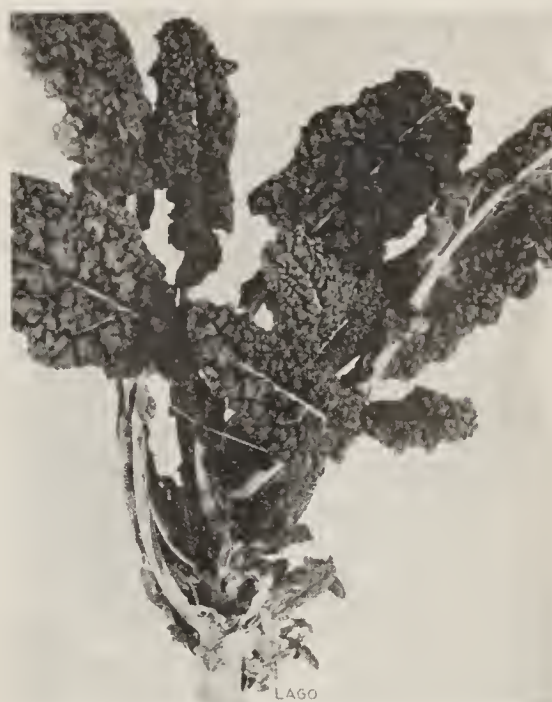
A small perennial plant growing about 10 inches high and cultivated for its fine onion-like leaves which are used for seasoning and flavoring. It can be cut frequently, a new growth appearing soon after each cutting. Pkt. 5c;  $\frac{1}{4}$  oz. 25c.

## COLLARDS

This is a tall, loose leaved, Kale-like plant and is grown extensively in the South for "greens" for the table, and for stock feeding and chicken greens; also grown in sections where cabbage does not do well. The plant does not form a head although the central leaves sometimes form a loose rosette. Best after being touched by frost, which greatly improves flavor and tenderness. Sow seed same as Cabbage, transplanting in rows 2 feet apart and the rows  $2\frac{1}{2}$  to 3 feet apart.

**GEORGIA, SOUTHERN or CREOLE**—This is the white or green stemmed variety, growing 2 to 3 feet high. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 25c;  $\frac{1}{2}$  lb. 40c; lb. 65c.

**ITALIAN COLLARDS or BRASCHETTI** — This kale-like plant produces very dark green, almost blue, crumpled leaves which are used as greens in the same manner as kale or collards. Pkt. 10c; oz. 50c.



*Collards, Italian or Braschetti*

## CHICORY

Chicory is a very popular vegetable in Europe and in this country among the Italian people. The leaves are used as fresh or cooked greens, while in other varieties the roots are also used. Seed can be sown from February to October, sowing in August for the main winter crop, as this crop is a heavy feeder, free use of fertilizer insures a good crop.

**LARGE-ROOTED MADGEBURG or COFFEE**—The dried and prepared roots are much used as a coffee substitute. The young leaves are widely used in salads or along with the young roots are delicious when boiled. Roots are large, smooth and white, 12 inches long, 2 inches across at top, tapering, and weigh around 14 oz. It is preferable to sow seed early in the spring in moderately rich light soil in rows 2 to  $2\frac{1}{2}$  feet apart. Pkt. 5s; oz. 20c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.50.

**WITLOOF or FRENCH ENDIVE**—This is a sub-variety of Large-Rooted Madgeburg and is remarkable for the width of leaves and great size of leaves and stalks. Roots forced or grown in trenches product the well known salad vegetable called "Witloof" in Belgium and "Endive" in Paris. To produce roots for forcing, sow seed 1 inch deep in May, June or July in rows about 18 inches apart. In the fall lift roots and trim leaves to  $1\frac{1}{2}$  inches from the crown and main root to 9 inches, breaking off all side roots. Place roots upright 2 inches apart in a trench 18 inches deep. Fill the trench with fine rich loose soil that will not pack. New tops will grow 8 to 10 inches in from 4 to 6 weeks time. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.



*Witloof or French Endive*

**CASTELFRANCO or GIANT ROSE VARIEGATED**—The leaves are very broad and undulated, forming a loose head tinted in red, rose and yellow, some leaves being splashed or mottled, making them very attractive in appearance. The leaves are thick, fleshy, crisp, tender, and of exquisite flavor, being milder than other varieties. Pkt. 15c;  $\frac{1}{2}$  oz. 25c; oz. 40c;  $\frac{1}{4}$  lb. \$1.10; lb. \$3.00.



*Chicory, Castelfranco*



*Large-Rooted Madgeburg or Coffee*

**CATALONGA or ASPARAGUS CHICORY**—This is a new variety from Italy, and is quite different in that the fresh green shoots are used instead of the leaves as in other sorts. The green shoots should be cut when tender and boiled in salt water and served hot or cold in salads. They are tender and delicious, suggesting the flavor of asparagus. Pkt. 15c;  $\frac{1}{2}$  oz. 25c; oz. 40c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.00.



## CHICORY (Continued)



*Chicory, Trevigiana*

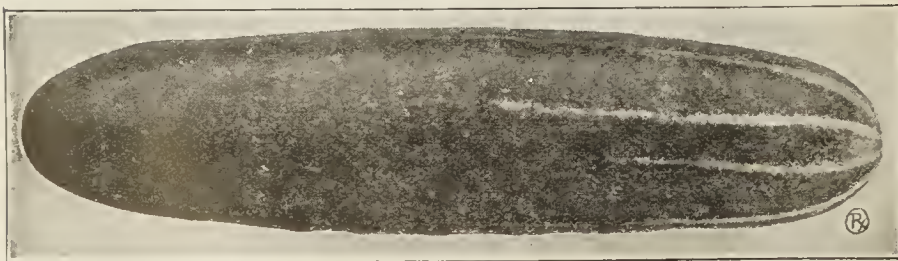
**TREVIGIANA or ROSE COLORED**—This is one of the most popular varieties in Italy for salad use because the slightly rose tinted leaves are large and fleshy, somewhat like Batavian Endive, and of a mild, tender, crisp and exquisite flavor. Pkt. 15c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.10; lb. \$3.00.

**RADICHETTA or BARBE DI CAPUCIN**—This variety is more widely used for summer greens than for salads. The leaves are long and narrow, and will blanch rapidly when plants are set close together. This variety is also forced and known to the French as "Barbe di Capucin". Pkt. 10c; oz. 25c; ¼ lb. 75c.

## CUCUMBERS

Sow seed after danger of frost is over, usually around February or March, on light rich warm soils. For later crops plantings can be made up to the middle of August. Plant 6-8 seed in hills 3-5 feet apart, covering ½ to 1 inch. When plants are 6 inches high, thin to the three healthiest plants. Cultivate well until runners interfere. Sufficiently ripe fruit can be picked in about 60 days. Pickling types can be picked sooner. Keep fruits picked close as the vines cease to set fruit as soon as any seed begins to mature.

**LAGO NU-GREEN** — A recent introduction, exceptionally fine long, straight, slender, dark green fruits 12 to 14 inches long and 2¼ to 2¾ inches thick, black spined, solid, small seed cavity with few seeds and deliciously crisp. An ideal type for the home garden or as a "straight pack" variety for shipment to market. One of the most attractive varieties with the long slender uniform fruit and the absence of the usual white stripes at the blossom makes this strain fully equal in appearance to any hothouse grown specimen cucumber. Pkt. 5c; oz. 20c; ¼ lb. 50c; lb. \$1.50.



*Cucumber, Lago Nu-Green*

**BOSTON PICKLING**—This is a productive variety that is extensively grown for pickles. The fruits are bright green, black spines 6 to 7 inches long, 2½ inches thick, very smooth and symmetrical. The flesh is very crisp and tender. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

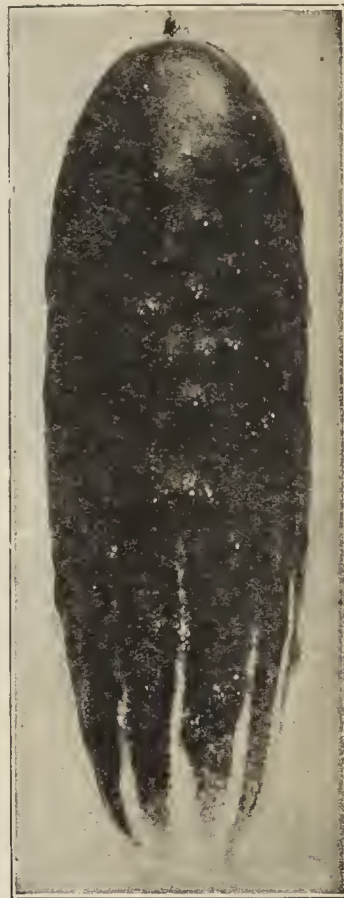
**EARLY FORTUNE** — Fruits average 9 inches long, uniform diameter of 2-2½ inches, dark green color and white spines. The flesh is thick, crisp and tender with a very small seed cavity. Recommended as one of the best shipping varieties and is fast replacing other types. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

**JAPANESE CLIMBING** —Where space is a factor this variety will be found most desirable as it does best grown on trellis, fences, etc., and climbing by tendrils like a grapevine. Fruits dark green about 8 inches long, thick, crisp, tender and equal to others in quality. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

**DAVIS PERFECT** — Fruits are deep green in color, averaging 10 inches in length, slender, symmetrical, tapering slightly at both ends, and have white spines 6 to 7 inches long, 2½ inches thick, very smooth and symmetrical. The flesh is very crisp and tender, with a very small seed cavity. Fine for shipping due to its splendid keeping qualities and attractive color. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

**LEMON CUCUMBER** — A very productive variety with round or slightly oval fruits of light creamy yellow color. The fruits are ready for slicing when just starting to turn yellow. Of distinct flavor and preferred by many to any of the other sorts. Pkt. 5c; oz. 25c; ¼ lb. 75c.

**LONG GREEN IMPROVED** — Extensively used for home and market garden, this vigorous variety produces fruits 12-15 inches long when mature of a beautiful dark green color. Widely used for pickling and often for the sweet pickles. This variety furnishes some fruits early but matures the bulk of its crop rather late. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.



*Cucumber, Early Fortune*



*Cucumber, Boston Pickling*



## CUCUMBERS (Continued)

**CHINESE LONG**—The fruits are rich dark green, often 20 inches long, averaging 2 to 3 inches in diameter in the center and tapering gently toward the ends. Flesh is thick, crisp, and of fine flavor. Vines are vigorous and bear continuously if fruits are picked when ready. This variety should be grown on a trellis as, when grown in this way nice straight fruits are produced. Not more than two vines should be left to each hill, and preferably one plant well fertilized, which will give the best results. Pkt. 15c; oz. 25c; ¼ lb. 75c.

**KLONDIKE**—This is an early variety and very desirable for shipping. Fruits are 7 to 8 inches long, of uniform size and shape. The color is very dark green, slightly striped at the ends. This rich dark green color is retained much longer and is affected less by the hot sun than any other variety. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

**WEST INDIA GHERKIN**—This is a distinct, very small, oval, prickly fruited sort used exclusively for pickling. The fruit is 2 inches long and 1 inch in diameter and borne in abundance. Seed very small and slow to germinate. Pkt. 5c; oz. 15c; ¼ lb. 45c.

## DANDELION

A healthy, nutritious and pleasant leafy green food that can be used early in the spring either for salad or boiled like Spinach. Sow in early spring in very warm rich soil in drills 18 inches apart and thin to 5 inches.

**CULTIVATED or FRENCH COMMON**—A decided improvement on the wild dandelion. Very early and vigorous in growth. Pkt. 5c; oz. 25c.

**IMPROVED THICK LEAVED, or CABBAGING**—Unsurpassed in thickness of leaf and deep green color. It is compact and forms an upright tuft at the center, which blanches almost naturally. This cabbaging sort is much superior to the common or uncultivated dandelion. Pkt. 5c; ½ oz. 25c; oz. 50c; ¼ lb. \$1.50.

## DILL

An aromatic annual having a warm pungent taste, the seed of which is used for seasoning. Although possessing medicinal properties it is chiefly used for making dill pickles. Plant grows 2 to 3 feet high. Very easily grown. Sow in spring after soil has become warm. Pkt. 5c; oz. 15c; 2 oz. 25c.



*Eggplant, New York Improved*



*Endive, Green Curled*

## ENDIVE

For early planting sow seed in April. For general plantings sow in June and July in drills 14 to 16 inches apart, later thinning to 12 inches apart in the row. When nearly full grown the plants should be bleached by tying the leaves together in order to exclude the light and air from the inner leaves. Tying should be done when heads are quite dry as they are apt to rot. Heads will be ready to use in 2-3 weeks after tying serving as one of the most wholesome and delicious salad vegetables for fall and winter use.

**BROAD-LEAVED BATAVIAN (Escarolle)** — Has broad fleshy leaves, toothed at the edge, and slightly twisted, which form a large heart. It is easily blanched if tied up at the proper time; it then produces wonderfully tender crisp, creamy white inner leaves, making one of the most delicious salads. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.25.

**LARGE GREEN CURLED**—Hardy variety forming a rosette measuring from 16 to 18 inches across, with very curly bright deep green leaves and rosy colored mid-ribs. Particularly suitable for the fall and winter crops. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.25.

## EGGPLANT

This plant requires a warm even temperature. The seed is slow germinating, requiring 4 to 6 weeks to produce plants for field planting, so seed should be sown in a hot bed during December or January. Sow later for later crops. Transplant to open field when 2 inches tall if weather and soil conditions permit, setting plants 18 inches apart in rows 30 inches apart.

**NEW YORK IMPROVED**—A very excellent standard variety growing strong bushes which are larger than the Black Beauty and better in that respect for keeping the "egg" off the ground. The large purplish black fruits are heavy at the blossom end, narrow toward the stem end, and are smooth and of fine quality. Pkt. 5c; ½ oz. 25c; oz. 50c; ¼ lb. \$2.00; lb. \$6.00.

**EARLY LONG PURPLE**—An early variety with club-shaped dark purple fruits six to eight inches long, very productive and of fine quality. Pkt. 5c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.10; lb. \$4.00.





*Fennel, Large Sicilian*

## FENNEL or FINOCCHIO

The edible portion is the enlarged leafstalk which is blanched and used as salad, either alone or with other salad plants. When boiled it has a sweet, spicy, and very distinct aromatic flavor. The cultural methods best for this plant approximate that for Celery.

**FLORENCE (Sweet Anise)**—This is an excellent hardy annual, very crisp, of medium size with sweet and aromatic flavor.

**LARGE SICILIAN** — Large and white; of vigorous growth. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. 90c.

## GARLIC

Garlic is propagated largely by the cloves (smaller segments of the bulbs) as planting from seed is not practical. Plant cloves in November and December in rows 12 inches apart, dropping cloves 3-4 inches apart, covering them 2 inches. The culture is the same as for Onions and are ready for harvest when tops are dry. Garlic is widely used for flavoring in soups, stews, etc. **Bulbs, 30c per lb., postpaid.**



*Garlic*

## KALE or BORECOLE

Excellent greens for winter and spring use as the quality is improved by exposure to frost. Sow seed of the Tall and Dwarf Curled Scotch Kales in June and July, then they can be harvested from fall until spring at which time they are at their best. Seed of Jersey and Thousand Headed Kale may be sown from May to September but May plantings afford a much longer bearing season. These two varieties should be planted 3 or 4 feet distant each way as the plants grow to considerable proportions. Kale requires the same cultural treatment as cabbage.

**TALL GREEN CURLED SCOTCH**—The variety most commonly used. The plant grows 3 or 4 feet high, bearing long, plume-like light green leaves which are deeply cut, also finely curled at edges. Very hardy and of excellent quality. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00.

**DWARF CURLED SCOTCH KALE**—Improved type growing 15 to 18 inches high with finely curled frilled leaves of a rich blue-green color. Very hardy and of excellent quality. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00.

**JERSEY or TREE**—Plant grows 3 to 4 feet high and frequently 6 to 8 feet. Produces a great number of large green smooth leaves, often 2½ feet long, on a straight, stiff, strong, comparatively slender stem. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00.

**THOUSAND HEADED**—Often called Jersey but different from the Jersey in that the stem of this variety is unusually divided into a number of branches bearing large leaves. Although not so tall and probably not quite as hardy as the Jersey, it is equally as productive. Crops are known to have gone as high as 60 tons of green feed per acre. An excellent food for poultry and highly recommended. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00.



*Kale, Tall Green Curled Scotch*



## KOHL-RABI

This delicious turnip-shaped bulb combines turnip and cabbage flavor, and is borne above ground, being ready for harvest 10-12 weeks after sowing. Sow seed in rows 18 inches apart, and when plants are well established thin to 6 inches apart in the row. Sow in February and March for main spring crops and in August and September for fall and winter crops.

**EARLY WHITE VIENNA**—Very early with few and small leaves seldom over 8 inches long. Bulbs of medium size, white, tender and very delicious. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.



*Kohl-Rabi, Early White Vienna*



*Leek, American Flag*

## LEEK

Belonging to the Onion family, this widely cultivated species is used as a favorite substitute for green onions in the fall and winter. Sow seed in March and April, covering  $\frac{1}{2}$  inch deep. Transplant seedlings when the size of a pencil to rows which are 14 to 16 inches apart, placing them 6 inches distance, and as they grow earth them up like Celery if nice white, tender leek is wanted.

**AMERICAN FLAG**—Fine early productive variety. The stems are 2 inches in diameter and easily blanched as high as 10 inches from the root. Fine mild flavor. Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

**MONSTROUS CARENTAN**—Stem 6 to 8 inches long and often 3 inches in diameter. Very mild and tender. Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

## LETTUCE

Lettuce is one of the oldest vegetables and is of unknown origin. Its continual and widespread usage has been due largely to the constant breeding of better types for uniformity, disease resistance and high quality. The seed germinates quickly and can be planted as soon as cold days are past; January and February for the main spring crop and July and August for the main fall and winter crop of the heading types. The loose leaf type matures much quicker than the heading types and when planted at the same time will be through before the heading type comes in. Seed may be drilled in and thinned out to 10 inches apart in rows 15-18 inches apart or may be sown in a cold frame and transplanted out when in the four-leaf stage.

### Heading Varieties

**BIG BOSTON**—Very popular and valuable for summer and fall gardens. Glossy, plain edged leaves are slightly tinged brown on the margins. Large, firm, solid, well folded heads are formed, being buttery yellow at the head and very crisp, tender and delicious. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.25.

**CALIFORNIA CREAM BUTTER**—Heads are large, globular, solid, with a golden yellow buttery interior. The leaves are thick, dark green, slightly tinged and spotted with brown. Splendid home and market garden variety. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 45c; lb. \$1.25.

**HANSON**—A desirable, large heading summer lettuce well adapted for the home garden. Outer leaves yellowish green, broad, somewhat crumpled and frilled at edge and with distinctive mid-rib. The inner leaves are white, very crisp and sweet. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 45c; lb. \$1.25.

**ICEBERG**—A hard heading, crisp, curly leaf variety, having outer leaves of yellowish green, lightly tinged on the edges with reddish brown. Used for late spring and early fall sowing as it does better than the New York during the warm weather. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 45c; lb. \$1.25.



*Lettuce, Early Prizehead*



*Lettuce, Black Seeded Simpson*



## LETTUCE (Continued)

**NEW YORK or LOS ANGELES**—The most widely used Lettuce, planted extensively for Eastern shipment. The plants are very large, forming compact tight heads, the outer leaves attractive deep green, broad, frilled at edges, and the heart leaves white, tender, and very delicious. Does best only in the cooler seasons. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25.

**NEW YORK No. 12**—An improved strain of the regular New York. It is a little earlier, does better up into warmer mid-summer condition, slightly lighter green in color and somewhat resistant to blight. The hard, compact, large heads of excellent quality are very popular with the home gardener and shippers. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.

### Curled or Loose Headed Varieties

**BLACK SEED SIMPSON**—This is an early dependable favorite in home and market gardens. The splendid large attractive compact broad frilled or ruffled light green leaves are delicious, tender and crisp. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 45c; lb. \$1.25.

**EARLY CURLED SIMPSON (White Seeded Simpson)**—Especially adapted for thick sowing and early harvesting when plants are young. The leaves are light green, slightly frilled, crisp, tender and sweet, very popular in home gardens. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 45c; lb. \$1.25.

**EARLY PRIZEHEAD**—An early quick growing excellent home and market garden variety. The leaves are finely curled and crumpled, bright green tinged with coppery red; very crisp, sweet and tender. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 45c; lb. \$1.25.

**GRAND RAPIDS**—This hardy early variety produces large upright compact plants with handsome bright

solid light green colored leaves which are broad and have frilled margins. Popular and most widely used for greenhouse forcing. Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.

### Chicken Lettuce

This plant grows much like Kale, reaching 4 or 5 feet in height with much leaf growth. It is used mainly for chicken and rabbit feeding as it does not head, and is seldom used for table purposes. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00.

### Cos or Romaine Lettuce

This lettuce is distinguished by its long narrow spoon-shaped leaves which fold into a conical shaped head 7 to 10 inches high. When well blanched the leaves are a whitish green with a distinct superior quality. Thin plants to about 8 inches apart and follow regular lettuce cultural methods noting that this does not make solid heads in hot weather.

**PARIS WHITE or TRIANON**—Heads are 9 to 10 in. tall, thick and blunt at top, and made up of self-folding leaves of light green color. The very finest variety for salads, being very tender, crisp and sweet. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25.



*Lettuce, Cos or Romaine*

## MUSKMELON or CANTALOUPE

Muskmelons are among the oldest cultivated vegetables, and in recent years have received specialized care and attention to bring about notable improvements in quality, flavor, and productivity.

Plant seed when danger of frost is past in warm, rich soil, preferably sandy loam, in hills 4 to 6 feet apart, depending on vigor of the variety. Drop 8 to 10 seed,

covering 1 inch deep. Later thin to 4 plants and give frequent shallow cultivations, irrigating often enough to keep vines in the best of health and vigor at all times.

### Green Fleshed Varieties

**ROCKY FORD (10-25)**—Typically Rocky Ford in size, shape and netting. The green flesh of this improved strain has a slight golden tint next to the seed cavity, and the flavor is delicious, remarkably sweet and juicy. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00.

### Orange or Salmon Fleshed Varieties

**BANANA**—A novelty item with surprisingly good quality. The fruit grows 2 to 2½ feet long, about 4 to 5 inches in diameter, with flesh of deep salmon color. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.

**HALE'S BEST**—A remarkably early shipping melon being the earliest of the salmon flesh shipping varieties. Fruits are oval in shape, about 6 inches long by 4½ inches in diameter, with heavy netting and fairly distinct ribbing. Flesh exceptionally thick and deep salmon in color. A most promising and profitable variety. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00; 2 lbs. \$1.80; 10 lbs. \$8.00.

**HEARTS OF GOLD**—A melon that has become very popular lately and is increasing in popularity. It is an early salmon flesh variety and with a moderate



*Muskmelon. Hearts of Gold*



## MUSKMELONS (Continued)

amount of netting and fairly distinct ribs. An excellent melon for the market gardeners and shippers. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00; 2 lbs. \$1.80; 10 lbs. \$8.00.

**IMPROVED PERFECTO** — A superior type of Rocky Ford having very thick, deep salmon tinted flesh with an exceptionally small seed cavity. The fruit is firm, hard, gray netting; excellent quality and a fine shipper. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00.

**TIP TOP**—This excellent home and market garden variety is one of the larger types, flat oval in shape, weight 6 to 7 pounds, distinctly ribbed and slightly netted. The skin is pale green, turning to yellow at maturity with a delicious spicy sweet flesh of deep salmon color. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00.

**ORIENTAL or JAPANESE**—This melon originated in Southern California and appears to be a cross between the Golden Beauty Casaba and Persian Melon. It has the same salmon tinted flesh as the latter but the texture is as fine as the Casaba, and very sweet. The rind is thin, yellowish green with darker blotches. When ripe the fruit averages 7 to 8 pounds. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.

**PERSIAN MELON**—The giant fruits of this splendid variety weigh around 10 lbs., are globular in shape and heavily netted. The rind is dark green, and the flesh is very thick, sweet, juicy and of a rich bright orange color. They should be allowed to thoroughly

ripen on the vines before picking. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.

## Fall and Winter Varieties

**GOLDEN BEAUTY CASABA (Summer)**—This is a medium sized globe shaped melon, slightly pointed at the stem end with a wrinkled leathery bright yellow skin. The flesh is fine grained, pure white, juicy, very thick, and of excellent flavor. The fruits begin to ripen in July, continuing to bear all summer and fall until frost comes. The later fruits can be stored in a cool house or cellar and allowed to ripen slowly. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25.

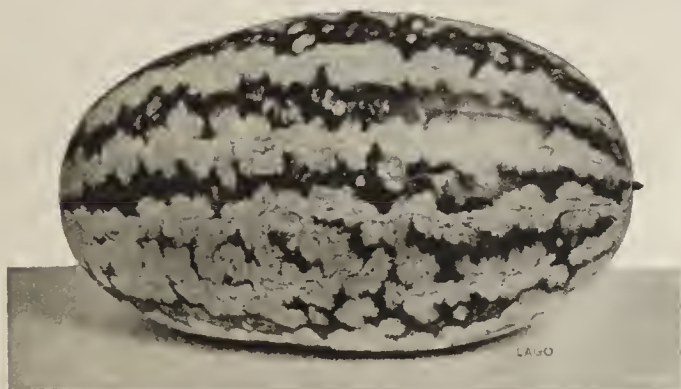
**SANTA CLAUS CASABA (Winter)**—The fruits are elongated, oval-shaped with wrinkled, leathery, greenish-yellow skin. The white flesh is juicy, fine grained, spicy and delicious. This variety ripens slowly and can be stored well, lasting through the winter. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.

**HONEY BALL** — An excellent shipping variety, smooth yellowish white skin with thick silvery green, delicious flesh, having a small seed cavity. The fruits are ball shaped, about 4 to 5 $\frac{1}{2}$  inches in diameter, earlier than Honey Dew and good keepers. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25.

**HONEY DEW**—The rind is dull white when ripe with the occurrence of a few slight checks or sparse netting at harvest time. The fruits are 6-7 inches through and 7-8 inches long with thick greenish firm flesh of excellent quality; fine for shipping, as they keep well. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25.

## WATERMELON

Watermelons will thrive well under the same good cultural methods and soil requirements as Muskmelon, except the vines are more spreading and require greater distance between plants.



*Watermelon, Coopers Striped Klondike*

**ANGELINO**—This is a medium large blocky dark green fruit with a beautifully contrasting bright red flesh which is of fine quality. This variety stands up well and is a fine home garden variety. Soak seed a few hours before planting. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00; 2 lbs. \$1.80; 5 lbs. \$4.00; 10 lbs. \$7.50.

**CHILEAN (Black Seeded)** — This oblong type melon has bright red flesh of a fine sweet flavor; thin brittle rind, and deep green skin mottled a darker green color. It is highly recommended for the home garden. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00; 2 lbs. \$1.80; 5 lbs. \$4.00; 10 lbs. \$7.50.

**GYPSY or GEORGIA RATTLESNAKE**—An old standard sort that is very popular, especially in the South. Very large, oblong, distinctly striped and mottled; flesh dark red and very sweet. Skin firm and solid, making it a good shipping sort. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 30c; lb. 75c.

**FLORIDA FAVORITE**—A splendid long melon of very large size and excellent quality. Dark green skin mottled and striped with lighter green; thin but firm rind. Flesh is very deep red, sweet, and tender. Vines vigorous and productive. A good keeper. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 30c;  $\frac{1}{2}$  lb. 45c; 1 lb. 75c.

**KLECKLEY'S SWEET**—A very productive home garden variety as it is too crisp to ship well. The fruit is oval, being slightly larger at the blossom end, dark bluish green in color. The flesh is stringless, solid, deep red, very sweet with very few seeds which are set near the rind. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 30c;  $\frac{1}{2}$  lb. 45c; lb. 75c.



*Watermelon Angelino*



## WATERMELON (Continued)

**KING AND QUEEN**—Small, round, light colored with bright pink flesh of good quality. Ripens late and can be kept for months. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00.

**KLONDIKE UNIVERSITY STRAIN**—This excellent new strain was developed at the University Farm at Davis, California. It is the most outstanding strain of this popular melon for by careful breeding and selection the desired qualities of uniformity in size, shape, color and quality have been stabilized. The fruits are medium sized, oblong, and solid dark green. The flesh is bright red, crisp, tender and excellent in eating quality. The seeds are small, few in number and uniformly dark colored throughout. Due to the uniformity in size, shape and strength of rind, this variety is one of the best for shipping, and is also unequalled for the home and market garden. Pkt. 5c;



*Watermelon, Klondike University Strain*

oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50; 2 lbs. \$2.75; 5 lbs. \$6.25; 10 lbs. \$11.00.

**KLONDIKE**—This medium sized and oval shaped melon is very productive and popular as a shipping melon in California. The flesh is of splendid flavor, being very sweet, brittle, bright red and very solid with few small brown seeds. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 30c;  $\frac{1}{2}$  lb. 50c; lb. 85c.

**KLONDIKE COOPER'S STRIPED**—This melon has recently won great favor, and is about the same as the regular Klondike but the skin is light green with mottled dark green stripes running from end to end. The flesh is similar also, but slightly lacks the superior quality found in the University strain. It takes well in some markets, and should not be confused with Georgia Rattlesnake which is a distinctly separate variety. A splendid home and market garden variety. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50; 2 lbs. \$2.75; 5 lbs. \$6.25; 10 lbs. \$11.00.

**TOM WATSON**—An extra long melon of giant size, deep green skin, faintly webbed or veined with a deeper green color. Fine quality bright red flesh. A splendid home garden variety and is particularly favored in the South. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 30c;  $\frac{1}{2}$  lb. 50c; lb. 85c.

## CITRON

**RED SEEDED**—Small round fruits mottled light and dark green. Used for preserves; ripens late and keeps for months. Should not be planted near watermelons as they cross readily. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00.

**GREEN SEEDED**—Similar to above, but with green seeds. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00.

## MUSTARD

Mustard is grown principally for greens, the leaves resembling those of turnips but are larger, more tender, and not so coarse. Mustard does best when sown so that it matures during the cool of spring or early fall. Sow in rows 18 inches apart, and thin plants to 6 inches distance. Mustard goes to seed quickly, so successive sowings are necessary for continuous cropping.

**BAK-TOI (Chinese White Rib)** — This variety has green leaves with broad white rib, somewhat like a small chard plant. Delicious when cooked, the same as Spinach or Chard, and is very popular among the Chinese and Japanese people. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 25c; lb. 75c.

**FORDHOOK FANCY (Ostrich Plume)**—A handsome, vigorous growing, mild variety. Leaves bright green, intensely curled and fringed on the edges; fine for

salads and garnishings; seed reddish-brown. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c.

**NEW CHINESE (Elephant Ear)** — A very vigorous sort of upright growth; leaves deep green, fairly smooth, about 10 inches long by  $6\frac{1}{2}$  inches broad, and of sweetly pungent flavor; seed reddish-brown. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c.

**SOUTHERN GIANT CURLED**—Plant vigorous and hardy, of upright, spreading growth; leaves 5 inches long by 3 inches wide, light green, tinged yellow, much crumpled and frilled at the edges. The popular market variety in the South; seed small, dark reddish-brown. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c.

**WHITE LONDON** — Plant of rapid, upright growth, soon going to seed; leaves rather small and smooth, deeply cut or divided; color deep green; seed large, light yellow. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c.

## MUSHROOM SPAWN

With reasonable care and attention to cultural requirements, mushrooms may be successfully produced. The temperature should not exceed 60°F. or go lower than 50°F. The atmosphere should be moist, avoiding too frequent and direct applications of water to beds. Draughts should be avoided but a gradual renewal of the air is necessary. The beds should be properly prepared, having reasonable protection from light and against weather extremes. We offer only first-class, highly reliable spawn that will produce the cream variety of mushrooms. Bricks weigh 1 to  $1\frac{1}{4}$  lbs. each, and will plant an area 8 to 10 square feet. Bricks 40c each postpaid; 5 bricks \$1.75.



 **WRITE FOR FREE CIRCULAR ON MUSHROOM CULTURE**

## OKRA or GUMBO

The young seed pods are used in soup, stews, catsups, and other relishes, being very popular in the South. After danger from frost, and when the ground is warm, sow seed in rows 2½ feet apart, dropping seed 2 inches apart and covering 1 inch deep. Thin when plants are 3-4 inches high to 12 inches distance.

**WHITE VELVET**—Plants about 3½ feet high, early and productive. Pods are white, long, smooth and tender until nearly full sized. Pkt. 5c; oz. 15c; ¼ lb. 25c; lb. 70c.

**PERKINS MAMMOTH**—Plants about 3 feet high, early and productive. Pods are deep green, very long, slender, slightly corrugated, tender and of good quality. Pkt. 5c; oz. 15c; ¼ lb. 25c; lb. 70c.

## ONION

Onions are very hardy and will grow reasonably well in any soil, requiring no specialized culture. They do best, however, in good rich well drained loose soil. For early onions sow seed in beds from August 1st to October 1st, transplanting when the plants are the size of a lead pencil, 5 inches distant in rows 15 inches apart. The varieties designated Early will mature bulbs in June and July, and the Standard Late varieties from August on. In rich bottom land seed is sometimes drilled in and later thinned out, omitting transplanting.

### Red Varieties

**CALIFORNIA EARLY RED** (U. C. No. 1)—New pedigreed stock. Early. This splendid early strain, produced by careful breeding selection is infinitely superior to the old type in numerous respects. It is a heavy producer, forming large, heavy, half globe bulbs with thick skin of an even deep red color. The flesh is sweet and juick of a mild delicious flavor. Pkt. 5c; oz. 25c; ¼ lb. 80c; lb. \$2.50.

**ITALIAN RED or TORPEDO**—Early. This is one of our introductions and is very popular with the home and market gardeners. It is elongated and globular in shape, a very heavy producer, very early, with a remarkably sweet flavor with the mildness of an apple. Pkt. 5c; oz. 25c; ¼ lb. 90c; lb. \$3.00.

**RED WEATHERSFIELD**—Standard Late. A very popular handsome, large, bright purplish-red onion. Thick flattened globe-shaped, smooth, glossy skin, firm flesh, rather strong but pleasant flavor. Very productive and an excellent keeper. One of the oldest and best late red onions. Pkt. 5c; oz. 25c; ¼ lb. 80c; lb. \$2.00.



*Onion, Italian Red*

### Yellow Varieties

**AUSTRALIAN BROWN** (U. C. No. 1) — Standard Late. Developed by the University of California Agricultural Experiment Station through several years of intensive breeding and selection work. Superior to the old variety, it is an absolutely true uniform strain producing flattened globe shaped bulbs of deep chestnut brown color. The thick outer scales adhere close, making this onion the best keeper of all onion varieties. The inner flesh is a beautiful creamy yellow without the usual trace of pink coloring, and is of fine mild flavor and excellent quality. Pkt. 5c; oz. 25c; ¼ lb. 80c; lb. \$2.50.

**CALIFORNIA EARLY YELLOW** (Stockton)—Early. This is the early yellow companion to California Early Red. It is a splendid large, heavy, half globe, of an attractive light lemon yellow color. The flesh is pearly white, very juicy, mild and sweet. This splendid onion is a heavy yielder of fine large bulbs that keep fairly well for early onions. They are very popular in the home and in the market as an early onion. Pkt. 5c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

**EARLY GRANO**—Early. An outstanding early onion originally introduced from Spain. The bulb has a general globe shape, tending to be slightly oblong or "top shaped". The flesh is light straw yellow in color, being very sweet and mild in flavor. It is highly recommended for early home gardens but does not keep very long. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.



**Use BEARMOR**  
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better vegetable crops



## ONIONS (Continued)

**SOUTHPORT YELLOW GLOBE**—Standard Late. A hardy heavy producer of similar type to Southport Red Globe except bulbs are a rich yellow color, and average a little larger in size. The flesh is creamy white, fine grained, and of splendid mild flavor. Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

**YELLOW BERMUDA**—Early. Very early flattened onion of a mild sweet flavor. Particularly popular in the South. Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

**YELLOW GLOBE DANVERS SELECTED**—Standard Late. Fine strain of this splendid variety. We have retained the small neck and have established other desirable features such as uniformity in maturity. The bulbs are of medium to large size and are uniformly globe-shaped with small neck; of even maturity and of rich coppery yellow color. The flesh is creamy white, crisp, solid, and of a mild fine flavor. An excellent keeper. Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

**YELLOW SWEET SPANISH**—Standard Late. This is a splendid, very large, mild, yellow globe-shaped onion that is very productive, attractive and a good keeper. Pkt. 5c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.00.

**SWEET SPANISH EXPERIMENT STATION STRAIN**—A greatly improved strain of Sweet Spanish destined to replace present commercial strains. Developed by careful selection and controlled breeding work over a number of years. The bulbs are very large and of a beautiful deep bronzy yellow color, especially superior in its firmness, keeping quality, mild and deliciousness of flavor. Market and home gardeners will find this a splendid strain. Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

### White Varieties

**BUNCHING ONION** — The best for early small green onions. Pkt. 5c; oz. 30c;  $\frac{1}{4}$  lb. 90c;  $\frac{1}{2}$  lb. \$1.40; lb. \$2.50.

**CRYSTAL WHITE WAX**—Medium size pure waxy white onion and very mild. An early variety. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.

**WHITE BERMUDA**—Bulbs are straw white in color, flat shaped, mild and sweet. Early variety. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.

**JAPANESE GREEN**—A variety of green onion particularly adapted for summer sowing, doing better at this season than others. Largely planted by market gardeners. Very attractive when bunched. Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

**SOUTHPORT WHITE GLOBE**—The best pure white, large globe-shaped variety. Similar in shape to the Southport Yellow Globe and of excellent quality and flavor. Pkt. 5c; oz. 40c;  $\frac{1}{4}$  lb. \$1.15; lb. \$3.50.

**WHITE SWEET SPANISH**—While identical in size, shape and flavor with the yellow variety, it is preferred by some because of its pure white color. It is a good keeper and stands shipping well. Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

**WHITE QUEEN**—A very early white onion. Rather small and largely used for pickles. Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.



Onion, Australian Brown



Onion, Yellow Globe



Bunching Onion

### ONION SETS

Onion sets are miniature onion bulbs formed by sowing seed thick, at the rate of 50 to 75 pounds per acre. They should not be planted for dry onions as a large percentage of them will run to seed before forming a bulb.

**BROWN ONION SETS**—Lb. 25c; 5 lbs. \$1.00.

**WHITE ONION SETS**—Lb. 25c; 5 lbs. \$1.00.

### PEANUTS

While it is not generally known, nevertheless, peanuts will do well in many parts of California. A light sandy soil is best. Plant about April in rows  $2\frac{1}{2}$  to 3 feet apart, dropping one nut every 8 or 10 inches in the row, covering 1 to 2 inches. It requires 50 pounds, in hull, to plant an acre.

**VIRGINIA**—Lb. 30c; 10 lbs. \$2.50.



Peanuts, Virginia



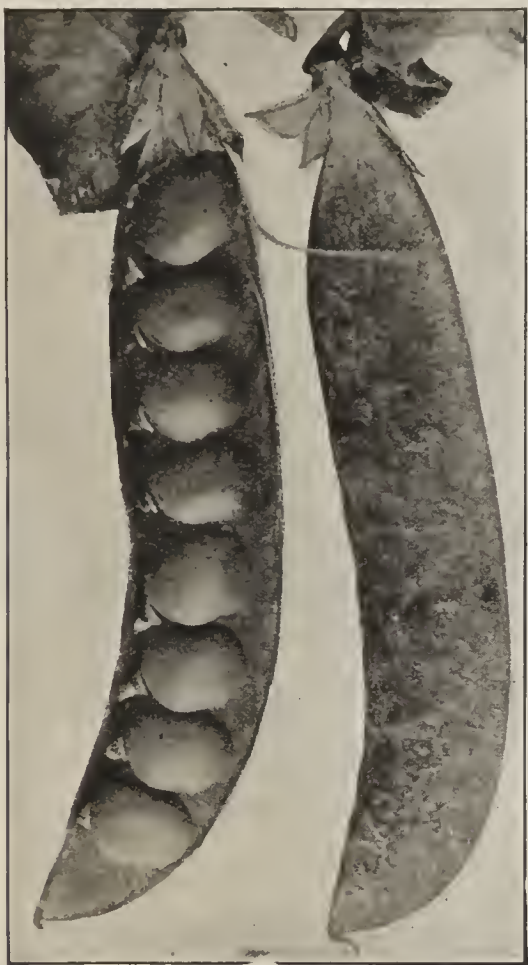
## PEAS

The best time to plant peas in our locality is from October 1st to March 1st. Planted later than this they will produce only a small crop, as very hot weather will stunt their growth, except along the coast where the weather is cool and moist, they can be planted practically the entire year. Be extremely careful, do not plant peas when the ground is wet or soggy as they will easily rot; however, when they are out of the ground they will stand a great deal of frost and cold weather, except if a heavy frost catches them just after blooming it will kill the pods. They will bloom again and form other pods but the crop will not be so heavy. Plant 60-80 pounds of seed per acre, either in hills or drills.

**ALASKA**—A smooth pea well suited for extra early planting. Vine 2½ feet tall; slender pods. Pkt. 10c; ½ lb. 25c; lb. 35c; 5 lbs. \$1.25.

**ALDERMAN**—A handsome large podded variety of the Telephone family, excellent for home and market gardeners and shippers. Resistant to Fusarium Wilt. Pods are single, broad, straight, plump, dark green, pointed. Vines grow 3½-4 feet tall and produce delicious peas. Pkt 10c; ½ lb. 20c; lb. 35c; 5 lbs. \$1.25.

**AMERICAN WONDER**—On the points of flavor and quality this Pea stands at the head of the list. Very dwarf and robust habit and grows 10 to 15 inches high. Pods well filled; dry



*Peas, Laxton's Progress*

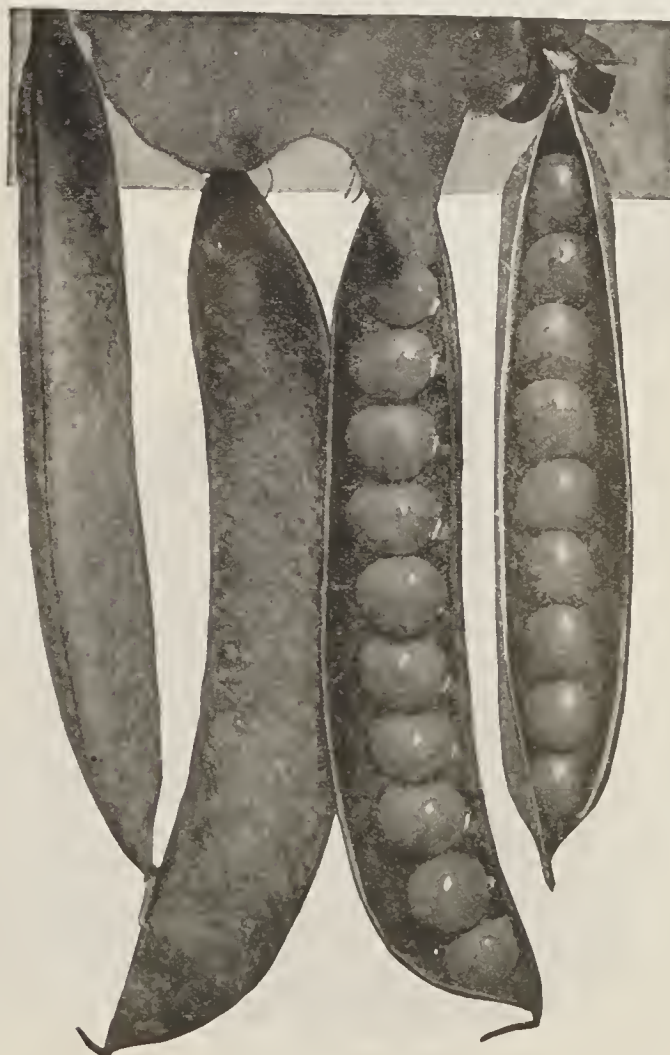
peas medium size and wrinkled. Pkt. 10c; ½ lb. 25c; lb. 35c; 5 lbs. \$1.25.

**GIANT STRIDE**—This is a newly improved strain of peas with larger and fuller pods than those of Stratagem, and as a main crop these have taken the place of Stratagem. The vines are vigorous, growing about 20 inches high, pods are very large, pointed, dark green and well filled with large green peas of the finest flavor. Pkt. 10c; ½ lb. 20c; lb. 35c; 5 lbs. \$1.25.

**GRADUS or PROSPERITY**—The most popular of the long, large podded, wrinkled peas. Of the finest quality, maturing pods only a few days later than the extra early smooth peas. Vines grow about 2½ feet high and are very large. Superior in quality, size and flavor. Always salable as a market variety. Pkt. 10c; ½ lb. 25c; lb. 35c; 5 lbs. \$1.25.

**HUNDREDFOLD**—One of the best of the Laxtonian types; vine 2 feet high, sturdy, dark green and productive. Pods dark green, 4 inches long, fairly broad and pointed, containing eight large, dark green peas; excellent quality. Pkt. 10c; ½ lb. 25c; lb. 35c; 5 lbs. \$1.25.

**IMPROVED STRATAGEM**—A standard, large podded, main crop variety that is largely planted because of its superior quality and fine flavor. The vines are vigorous but grow only about twenty inches high. the pods are very large, pointed, dark green and well filled with large, dark green peas of the finest flavor. It is a heavy cropper. Pkt. 10c; ½ lb. 20c; lb. 35c; 5 lbs. \$1.25.



*Peas, Giant Stride*



## PEAS (Continued)

**LAXTON PROGRESS** — The earliest large podded sweet dwarf pea. Height 18 inches. In season four days earlier than Laxtonian. Pods 4 inches long, broad and pointed, deep green in color, containing eight large, dark green peas of high quality. Pkt. 10c; ½ lb. 25c; lb. 35c; 5 lbs. \$1.25.

**MELTING SUGAR**—An edible pod pea. Vines 4-5 feet tall; seeds creamy white. Pkt. 10c; ½ lb. 25c; lb. 45c; 5 lbs. \$1.50.

**PREMIUM GEM**—Grows about 15 inches high. Peas are medium sized and wrinkled. Of excellent quality. Excellent for home use. Pkt. 10c; ½ lb. 25c; lb. 40c; 5 lbs. \$1.50.

**TELEPHONE** — A favorite of the extra large pods. Vines large, coarse leaves, height 4½ feet. Pods are large, filled with enormous, tender peas of sweet and excellent flavor. Pkt. 10c; ½ lb. 25c; lb. 35c; 5 lbs. \$1.25.

Hundredfold, Laxtonian and Laxton Progress are two excellent peas introduced in recent years. They are early and have much larger pods than the old early strains. For early peas, we recommend either of the above and for late the Giant Stride, which is a fine new variety producing large pods and is very productive.



*Peas, Tall Telephone*

## PEPPER

For early peppers sow the seed in hot beds in December and January. Transplant as soon as weather and soil in your locality will permit, 18 inches apart in rows 30 inches apart. For later crop you may also sow seed in February and March. Pepper seed germinates slowly and needs the heat of a hot bed to germinate in these months. If you have had no hot bed experience it will be hard for you to raise early pepper plants, as the heat, light, moisture and ventilation in your hot bed must be correct; otherwise your plants will "damp off", that is, they will rot even with the ground and die, and sometimes the seed will not even germinate, as this fungus will kill

it before it sprouts. In most cases it is advisable and sometimes cheaper to buy plants already started, if only a few are wanted. The very same rule applies to the planting and growing of an egg plant. These two varieties of vegetables are rather hard to start from seed, but when once transplanted they are extremely hardy and will grow on any soil and do not take any special care or attention.

**CHINESE GIANT**—An exceedingly large red Pepper. The plants are vigorous and stocky, 2 feet high, well-branched, and thickly set with fruits. The monstrous fruits mature slightly later than Ruby King, are blocky in form, 4 to 5 inches broad at the top and of equal length, divided into four or more ridges, of a brilliant glossy scarlet, and mild in flavor. Pkt. 5c; oz. 50c; ¼ lb. \$1.50; lb. \$5.50.

**ITALIAN BELL PEPPER**—A pepper attaining enormous size, often growing to 5 inches in diameter. It is exceedingly sweet and the finest for stuffing. Plant it for market or in your garden; it has no equal. Pkt. 5c; oz. 50c; ¼ lb. \$1.75; lb. \$7.00.

**PIMIENTO**—An excellent, attractive and very productive variety. The fruits are medium sized, smooth and glossy green, becoming red as they mature. The meat is thick and of a fine sweet flavor. The plants are vigorous and of medium height. This sort is largely used by canners, but is equally valuable for sa'lads and for stuffing. Pkt. 5c; oz. 40c; ¼ lb. \$1.25; 1 lb. \$3.50.

**CALIFORNIA WONDER** — A large pepper nearly equal in size, and earlier than the Chinese Giant. The large fruits measure 4½ inches across by 5 or 6 inches deep and are decidedly blocky or square ended. The flesh walls are thick, heavy and of fine sweet pepper flavor. When immature the skin is a smooth attractive green color, changing at maturity to a brilliant light crimson. Pkt. 5c; oz. 50c; ¼ lb. \$1.75; lb. \$7.00.



*Pepper, California Wonder*



## PEPPER (Continued)

**LONG RED CAYENNE** — A red hot variety. The slender, tapering, twisted, pointed pods are pendant and average 3 inches in length, diameter reducing from  $\frac{1}{2}$  inch to the point. They are deep green when young, bright red and very pungent when ripe. Plant is productive, branching, and with dark green foliage. Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50; 1 lb. \$5.00.

**ANAHEIM CHILI** — This pepper is largely grown, and is used dried and for canning. It is long, 7 inches or so, medium-sized in width, and thick fleshed. The flavor is mild for a Chili Pepper, and one liked by Mexicans and Americans alike. Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50; 1 lb. \$4.50.

**WAX PEPPER** — Used extensively for pickling. Pkt. 10c; oz. 75c;  $\frac{1}{4}$  lb. \$2.00; lb. \$7.50.

**LARGE BELL or BULL NOSE** — The plants are vigorous, about 2 feet high, compact and productive, ripening their crop uniformly and early. Fruits are large, about 3 inches long and 3 inches across the top, with very thick, mild flesh of excellent quality. The color is deep green when young, glossy scarlet-crimson when ripe. Pkt. 5c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00; 1 lb. \$3.00.

**FLORAL GEM** — It is  $1\frac{1}{2}$  inches in diameter,  $1\frac{1}{2}$  to 3 inches long, cone shaped. This pepper turns from green to a beautiful waxy yellow at which time it is marketed. When mature it is red. Becoming a favorite hot pepper for pickling, etc. Pkt. 10c; oz. 75c;  $\frac{1}{4}$  lb. \$2.00; lb. \$7.50.



*Pepper, Italian Bell*

**RUBY KING** — Fruits 4 to 5 inches long, about 3 inches in diameter. Dark green when young; ruby red when ripe. Flesh thick, mild, sweet. Pkt. 5c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.50.

## PARSLEY

One ounce of seed will sow 100 feet of drill. Sow thinly in drills 1 foot apart and thin out the plants to 3 or 4 inches apart. The seed germinates slowly, sometimes 3 or 4 weeks passing before the plants appear.

**EMERALD or DWARF EXTRA-CURLED** — Leaves tender, beautifully crimped, handsome bright green color. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00.

**FINE DOUBLE CURLED** — Fine dwarf; crimped leaves. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 25c; lb. 85c.

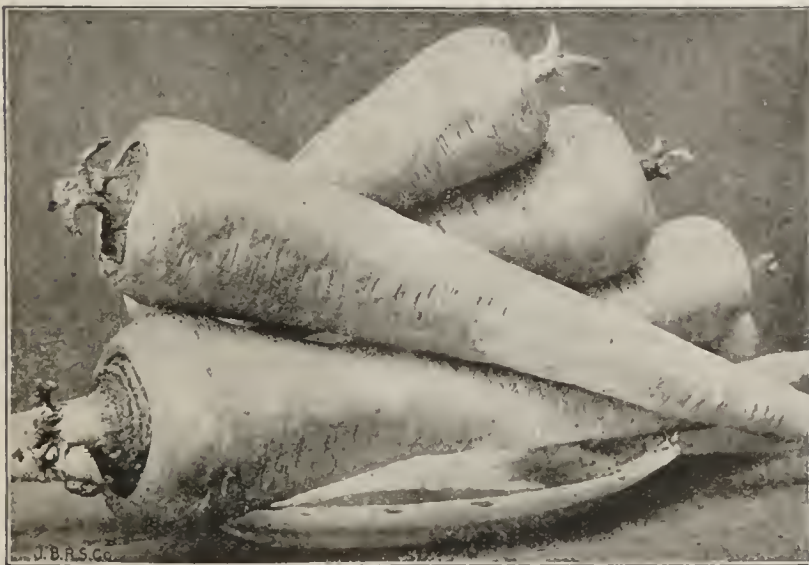
**PLAIN-LEAVED** — Much used in soups, etc.; rather stronger in flavor than the other sorts. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 25c; lb. 85c.

**HAMBURG or TURNIP-ROOTED** — The edible part of this is the root and not the foliage. Root resembles a parsnip and the foliage is plain. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00.



*Parsley, Fine Double Curled*

## PARSNIP



*Parsnip, Hollow Crown*

One ounce will sow 150 feet of row. Use a deep, rich, sandy soil, although any deep, mellow, moderately rich soil will produce good roots. Sow as early in spring as possible, in rows which are  $1\frac{1}{2}$  feet apart, covering firmly with  $\frac{1}{2}$  inch of fine soil. When plants are well up, thin to 2 or 3 inches apart in the row. Cultivate frequently. Parsnip seed is slow to germinate; sowings should be made early and soil pressed down firmly over seeds.

**HOLLOW CROWN** — The roots are about 18 inches long, with smooth white skin, uniform in shape, tapering evenly from a heavy shoulder down to a small root, tender and of best quality. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 25c; lb. 75c.



## SEED POTATOES

Six hundred pounds will plant an acre. It is best to cut the potatoes with two or three eyes to a piece, planting these in rows or hills about 3 feet apart and about 8 to 12 inches apart in the row. Write for our special price list on Seed Potatoes in large quantities. We offer only the very best certified seed stock.

Prices on Seed Potatoes are f. o. b. Sacramento.



*Potato, White Rose*

**AMERICAN WONDERS**—An old standard white variety. 5 lbs. 40c; 10 lbs. 75c; 25 lbs. \$1.25.

**BRITISH QUEEN**—This variety is planted extensively in most sections of California. It is oval in shape and has cream skin with white flesh. Can be planted as an early potato, and also for the main crop. 5 lbs. 40c; 10 lbs. 75c; 25 lbs. \$1.25.

**CHILI GARNET**—A round pink-skinned variety. This variety can be dug while the tubers are quite young, making fine early eating potatoes. 5 lbs. 40c; 10 lbs. 75c; 25 lbs. \$1.25.

**EARLY ROSE**—The well known and popular pink-skinned potato, tubers are medium sized, smooth and white-meated; an elegant cooker; matures early. 5 lbs. 40c; 10 lbs. 75c; 25 lbs. \$1.25.

**BLISS TRIUMPH**—This early variety matures ten days earlier than the Early Rose and is more productive. Vines erect; foliage dark green. Tubers medium size, round, uniform in shape; eyes slightly depressed; skin light red, flesh fine grained. 5 lbs. 50c; 10 lbs. 80c; 25 lbs. \$1.50.

**WHITE ROSE**—This season we are in position to offer a fine stock of this popular variety. 5 lbs. 40c; 10 lbs. 75c; 25 lbs. \$1.25.



*Pumpkin, Connecticut Field*

## PUMPKINS

Pumpkins are frequently planted in connection with a crop of field corn, and if you grow corn you may just as well grow pumpkins. They will grow best in soil kept moist by the dry farming method, as too much moisture will kill them. Plant the seed in open ground, after the danger of frost is over, in hills 8 feet apart each way, drop from 8 to 10 seeds per hill and when the plants are about 5 inches high and danger of insect pests is past, thin to 3 or 4 of the healthiest plants. If irrigation is needed, run the water in ditches about 18 inches from the hill. Do not plant near squashes or melons as they are likely to mix. About 3 pounds of seed will plant one acre.



**CALIFORNIA FIELD**—The well known, ordinary Pumpkin, largely used for stock feeding. The fruit is variously colored in yellow, drab, red and orange, and varies also in size, but is usually very large. Is a heavy cropper and easily grown. Pkt. 5c; oz. 15c; ¼ lb. 25c; ½ lb. 35c; lb. 60c.

**CONNECTICUT FIELD**—This is widely known as the Yankee Cow Pumpkin, and there is no variety that will do as well among the corn. Plant them on your richest land. Pkt. 5c; oz. 15c; ¼ lb. 25c; ½ lb. 35c; lb. 60c.

**GOLDEN CUSHAW**—One of the best stock feeding pumpkins. Very thick flesh having a very small seed cavity. Pkt. 5c; oz. 20c; ¼ lb. 35c; lb. \$1.00.

**GREEN STRIPED CUSHAW**—Trunks very large, with crooked neck. Color creamy white, irregularly striped or traced with green. Flesh light yellow, very thick, rather coarse but sweet. Pkt. 5c; oz. 20c; ¼ lb. 35c; lb. \$1.00.

**DICKINSON (Cannery Pumpkin)**—This variety is used almost exclusively by local canners for canning. It is very productive and fine quality. Flesh thick, yellow. An excellent variety to plant for stock. Pkt. 5c; oz. 15c; ¼ lb. 25c; ½ lb. 35c; lb. 60c.

**LARGE SWEET CHEESE or KENTUCKY**—One of the old standard sorts. Flat and often 20 inches in diameter; skin buff; flesh thick, yellow, and of fine quality. Productive and an excellent keeper. Good for stock feeding as well as pies. Pkt. 5c; oz. 15c; ¼ lb. 25c; ½ lb. 35c; lb. 60c.

**MAMMOTH KING**—Flesh and skin bright golden yellow. Flesh fine grained, excellent quality. One of the best pie pumpkins and a splendid keeper. This enormous variety has been grown to weigh 200 lbs. Pkt. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 65c; lb. \$1.00.



## PUMPKINS (Continued)

**SMALL SUGAR or NEW ENGLAND PIE**—This excellent variety is small, round or somewhat flattened, about 8 to 10 inches in diameter, slightly ribbed, and of a deep orange color. The flesh is a rich deep yellow, fine-grained and very sweet. A superb kind for pies. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 25c;  $\frac{1}{2}$  lb. 50c; lb. 85c.

**TENNESSEE SWEET POTATO** — Flesh creamy white. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00.

## RADISH

One ounce will sow 100 feet of drill, 8 to 12 pounds per acre. For first crop sow as early in the spring as the ground can be worked, and every two weeks throughout the season for succession. A warm, sandy loam, made rich and light by strong manure, is best. Sow in drills 10 to 12 inches apart. The winter varieties should be sown in July and August.

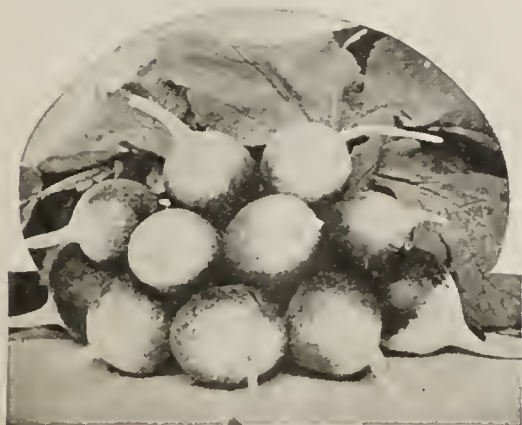
**CALIFORNIA WHITE MAMMOTH**—Long, white, of large size. A good keeper; flesh tender and crisp. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 30c; lb. 85c.

**CHINESE ROSE**—Very popular with market gardeners; very smooth, bright rose color; large. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00.

**EARLY SCARLET TURNIP**—A rich scarlet-red radish, turnip-shaped with small top. Flesh is white, crisp, tender, and of mild flavor. This radish is of very rapid growth and a standard variety. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 25c;  $\frac{1}{2}$  lb. 50c; lb. 75c.

**FRENCH BREAKFAST**—Well known, quick growing variety, of oval shape. Bright scarlet, tipped with white. Of medium size, crisp and tender. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 30c; lb. 85c.

**ICICLE**—Clear white roots up to 6 inches in length with a third of their length out of the ground, delicately tinted ivory at the top. Crisp, tender and especially mild. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 30c; lb. 85c.



*Radish, Scarlet Turnip White Tip*



*Radish, Scarlet Globe (New)*

**JAPANESE LONG WHITE**—A winter variety frequently growing 2 feet long and about 3 inches in diameter. The white flesh is solid, tender and very pungent. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00.

**LONG SCARLET**—The best of the long red radishes, very attractive color and fine quality. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 30c; lb. 85c.

**ROUND BLACK SPANISH**—A general favorite. Very similar to Long Black Spanish except in shape, which is round to top shaped. Skin black, flesh white and pungent; keeps well. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00.

**SCARLET GLOBE**—This variety is growing in popularity and promises to become a leading variety. Globe-shaped, rich, bright scarlet color. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 30c;  $\frac{1}{2}$  lb. 45c; lb. 85c.

**SCARLET TURNIP WHITE TIP**—On account of its quick growing, fine quality and attractive color this is the leading home garden and market radish. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 25c;  $\frac{1}{2}$  lb. 50c; 1 lb. 75c.

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### VEGETABLES THE YEAR AROUND

In the Sacramento Valley vegetables can be had in the garden throughout the year. Parsnips, Salsify, Carrots, Rutabagas, Turnips and Beets are root crops that can be had in the winter garden. Kale, Collards, Mustard, Celery Root, Broccoli, Kohl-Rabi, Celery, Cabbage and Cauliflower also can be sown so that they will mature for the fall and winter garden. The cold winter weather improves the quality of most of the winter vegetables. It is not necessary to store the root crops; they are left in the ground and harvested as they are required for the table.

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## RHUBARB

Sow seed early in the spring, preferably February. The young seedlings should be kept growing during the first season as they will form the root that should be transplanted to the permanent field as soon as the ground can be worked the following spring. A good crop can be expected the first season from good roots set out in the spring. Rhubarb grown from seed does not come true, some undesirable types appearing and these should be discarded.

**GIANT WINTER CRIMSON**—Very productive, bearing large stalks. Pkt. 10c; oz. \$1.50; ¼ lb. \$5.00.

**STRAWBERRY**—An old standard variety, fine quality and appearance. Pkt. 10c; oz. \$1.50; ¼ lb. \$5.00.

### Rhubarb Roots

The plants we offer are one year old and will produce a good crop the first season.

**CHERRY**—This new Rhubarb is an improvement on the other sorts. It is less tart, the stalks are a beautiful cherry red, of fine appearance, and there is no coarse fiber in them and they will keep in a marketable condition several weeks after maturity without becoming soft or pithy, as do most varieties. The roots we offer of this variety are root divisions and not roots grown from seed. Roots grown from seed are not as desirable as the root divisions. Cherry Rhubarb Roots 25c each; \$2.50 per doz. 30c each; \$2.75 per doz., postpaid to fourth zone.

**GIANT WINTER CRIMSON**—15c each; \$1.25 per doz., postpaid to fourth zone.

**STRAWBERRY**—15c each; \$1.50 per doz., postpaid to fourth zone.



*Rhubarb, Giant Winter Crimson*

## ROSELLE

An annual plant. The buds or calyx surrounding the seed pod are used (as soon as the flower drops) for making jelly and jam. It makes a very superior jelly, considered by many better than guava or currant jelly. In Australia the Roselle produces the famous Queensland Jelly that is shipped to all parts of Europe. Sow in spring after the danger of frost is over and when the soil is warm, in rows 6 feet apart and 4 feet apart in the rows. The plant is ornamental and easily grown from seed. Pkt. 10c; oz. 50c.

## RUTABAGAS or SWEDES

Require a longer season than Turnips. For table use they keep better, and are better flavored than the Turnip. Turnips and Rutabagas are relished by all kinds of stock and there is nothing better in a fall and winter feed as they keep the cattle in good condition.

**IMPROVED AMERICAN PURPLE TOP** — Our strain is remarkable for uniform shape and fine quality, and is a splendid keeper. The roots grow to a large size, have small tops, short necks and smooth skin; flesh is of beautiful yellow color, fine grained, very sweet, tender and of excellent flavor. Pkt. 5c; oz. 15c; ¼ lb. 25c; ½ lb. 40c; lb. 65c.



*Rutabaga, Improved American Purple Top*

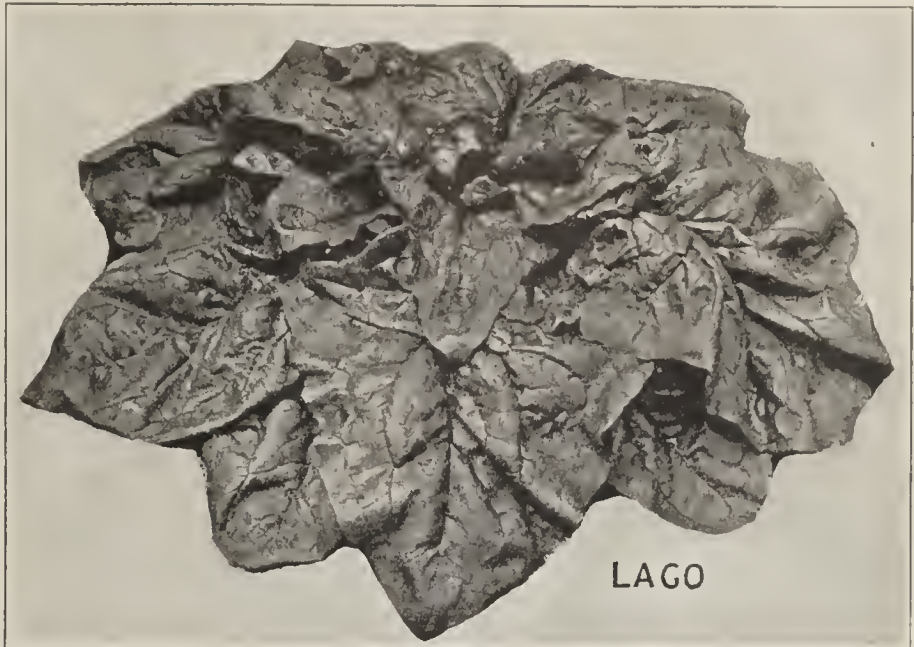


## SPINACH

This plant will grow in any ordinary soil, but responds well to fertility. Sow early in the spring in drills 12 to 18 inches apart. For early use sow in August or September. One ounce of seed will sow 50 feet of drill. Eight to 15 pounds per acre.

**AMSTERDAM GIANT PRICKLY WINTER**—The leading variety in the prickly seeded varieties of Spinach, being used by both the canners and the market gardeners. Plant is vigorous, leaves large, thick and of finest quality. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 20c;  $\frac{1}{2}$  lb. 25c; lb. 45c; 2 lbs. 75c; 5 lbs. \$1.50.

**BLOOMSDALE or SAVOY-LEAVED** — The leaves of this variety are wrinkled or savoyed, and very dark green. Very hardy and for shipping is the best. Also used for the market but not recommended for canning purposes. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 20c;  $\frac{1}{2}$  lb. 25c; lb. 45c; 2 lbs. 75c; 5 lbs. \$1.50.



LAGO

*Spinach, Hollandia Prickly*

**HOLLANDIA PRICKLY WINTER**—A new and improved strain of the prickly winter varieties of Spinach. It is very uniform, the plants producing large smooth leaves with very short stems. Leaves are dark green and thick. A fine market and canning variety. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 20c;  $\frac{1}{2}$  lb. 25c; lb. 45c; 2 lbs. 75c; 5 lbs. \$1.50.

**MONSTROUS or VIROFLAY**—The leading variety of the round or smooth seeded class. Produces large smooth thick leaves of dark green color. Used extensively for spring planting by the canners. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 20c;  $\frac{1}{2}$  lb. 25c; lb. 45c; 2 lbs. 75c; 5 lbs. \$1.50.

**NOBEL**—This new smooth or round seeded strain is very uniform. Produces very large, smooth, thick, dark green leaves and, like the Viroflay, is excellent for spring plantings. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 20c;  $\frac{1}{2}$  lb. 25c; lb. 45c; 2 lbs. 75c; 5 lbs. \$1.50.

### New Zealand Spinach

Entirely distinct from true Spinach. Plant produces spreading branched stems from 2 to 3 feet long and bearing numerous thick, fleshy leaves. It is grown to supply the place of ordinary Spinach during the hottest months or in dry sections where Spinach does not do well. Plant several seeds in hills 2 feet apart each way. As seed coat is hard, better growth is secured by soaking seed for 24 hours in warm water. Pkt. 5c; oz. 15c;  $\frac{1}{2}$  lb. 50c; lb. 75c.

## SALSIFY or OYSTER PLANT

One of the most desirable winter vegetables. The roots when cooked are very palatable and nutritious and are served in a variety of ways. The flavor is similar to oysters, hence its name. Salsify succeeds best in light, well enriched soil, which should be worked to a good depth. Coarse or fresh manure should be avoided as this will cause the roots to branch. Sow seed early in the spring in rows 12 to 15 inches apart, thinning 4 inches in the row.

**MAMMOTH SANDWICH ISLAND** — The improved large-rooted variety. Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.00.

### Scorzonera

Root resembles that of Salsify, but distinguished from it by the dark or black color of its skin. Leaves are also much broader. Grown and used in the same manner as Salsify and by many preferred to Salsify.

**GIANT RUSSIAN**—Long and smooth roots. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c.

*Salsify, Mammoth Sandwich Island*



## SQUASH

Any good enriched soil is adapted to the growing of Squash. The seed should not be sown in the spring until danger from frost is past and the ground is warm. Plant in hills (about 8 to 10 seeds to a hill) the early sorts 4 to 6 feet apart, the late varieties 8 to 12 feet. Thin out of three plants in the hill. Keep the earth about the plants loose and free from weeds. One ounce for 25 hills, 3 to 4 pounds per acre.

**BANANA**—One to 2 feet in length. Flesh firm and solid; orange yellow. Excellent quality, fine keeper. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 45c; lb. \$1.25.

**BOSTON MARROW**—A very prolific fall and winter Squash of medium to large size and oval shape. The thin skin is orange-yellow in color; flesh is rich salmon-yellow, fine-grained and of excellent flavor and quality. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; 1 lb. 90c.

**EARLY WHITE BUSH SCALLOP (Benning's Green Tinted)**—An excellent sort. Popular in the West, on account of the greenish white color of the young fruits. Plants are of bush type. Fruit somewhat warted and white at maturity. Used widely by home and market gardeners and shippers. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 30c; 1 lb. 90c; 2 lbs. \$1.70.

**GOLDEN SUMMER CROOK NECK**—Early and prolific. The fruits are of the true crook-neck type, heavily warted, and of light golden color; about 1 foot long. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; 1 lb. 90c; 2 lbs. \$1.70.

**HUBBARD GREEN WARTED**—A well known standard winter squash. Vines of trailing type; fruit somewhat pointed at both ends, weighing 10 to 12 pounds; slightly warted, dark bronze-green in color; rind hard and tough; flesh very thick, orange yellow, dry and sweet. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00.

**ITALIAN or ZUCCHINI**—Black. One of the richest vitamine-bearers among summer squash is the Italian or Zucchini. The fruits are long and very dark green, somewhat mottled and are used when young. The vines are of bush form and very productive and if the fruits are picked when young, which should be done, they continue bearing over a long season. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c;  $\frac{1}{2}$  lb. 50c; lb. 90c; 2 lbs. \$1.70.

**ITALIAN or ZUCCHINI**—Grey. Similar to the Black type but having a greyish cast rather than black. It is of good quality. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; 1 lb. 90c.

**LAGENARIA LEUCANTHA LONGISSIMA (Cucuzzi Caravassi)**—An edible gourd grown mostly by Italians. It has also been called "asparagus squash" and some few years ago was introduced in some sections as "New Guinea Bean". Fruits 20 to 24 inches long, often 36 inches; 4 to 6 inches in diameter. Vines trailing and should be trellised to grow straight fruits. Pkt. 10c;  $\frac{1}{2}$  oz. 25c.

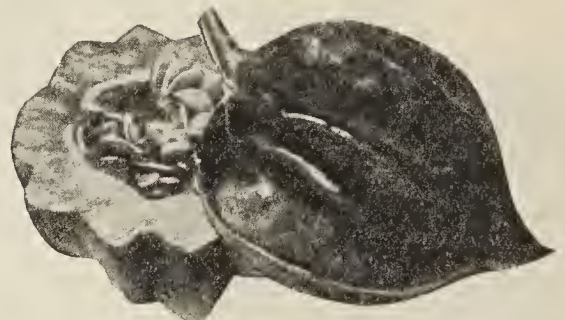
**MAMMOTH WHITE BUSH SCALLOP**—Nearly as early as the Early Scallop and much larger, frequently growing 12 to 14 inches in diameter. A very handsome variety. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 45c; lb. \$1.25.



*Squash, Hubbard Green Warted*

**STRAIGHTNECK (Giant Summer)**—New. A selection from the Crookneck Squash but with a straight rather than a crooked neck, which makes it more easily packed for shipping. Fruits intensely warted, 18 to 20 inches long, deep orange in color with a thick, meaty neck. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. 90c.

**TABLE QUEEN**—A trailing variety, producing acorn-shaped fruit with a thin, distinctly ribbed, dark green shell; 6 inches long by 4½ inches in diameter; bakes well. Quite early. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00.



*Squash, Table Queen*

**TURBAN**—Fruits 5 to 5½ inches in diameter generally variegated, most frequently with dark green, yellow and red. At the blossom end it has a swelling curiously striped with green, dark yellow and red. Mostly grown as a curiosity although flesh is thick, sweet and fine orange yellow color. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 50c.



*Squash, Giant Summer Straightneck (New)*



## TOMATOES

Tomatoes succeed best in well manured, light sandy soil. For early plants sow seed in boxes or hotbeds in January. When the plants are about 2 inches high transplant to 4 inches apart each way. Set out of doors as soon as danger of frost is over. Transplant carefully, 6 feet apart each way, and cultivate well as long as vines will permit. To obtain early fruit pinch off the ends of the branches when the first fruit is set. Our seed stock is of the very best selection. One ounce of seed for 2,000 plants.



*Tomato, Santa Clara Canner*

**CHALK'S EARLY JEWEL**—About 10 days later than Earliana, a good yielder, color scarlet, smooth, with much better core than Earliana. Our strain of this tomato is of the very best. Pkt. 5c; oz. 40c;  $\frac{1}{4}$  lb. \$1.20;  $\frac{1}{2}$  lb. \$2.20; lb. \$4.00.

**FOUR-NINETY-EIGHT**—Very early and extremely productive for such an early variety. The fruit is scarlet, very smooth and almost globular. Fruits run uniform, being well protected by foliage which covers well the center of the plant. Pkt. 10c; oz. 75c;  $\frac{1}{4}$  lb. \$2.50;  $\frac{1}{2}$  lb. \$4.50; lb. \$8.00.

**GLOBE**—This variety has become very popular with the large growers in Old Mexico. It is nearly as round as a globe, produces abundantly and is a delightful table variety, almost without acidity, and is now con-

sidered one of the best shippers for the farthest markets. Pkt. 5c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00;  $\frac{1}{2}$  lb. \$1.65; 1 lb. \$3.00.

**GROUND CHERRY**—Husk or Strawberry Tomato. Fruit golden yellow, size of a cherry. The fruits are enclosed in a husk. Excellent for preserves, sauce or pies; very productive. Pkt. 5c; oz. 50c;  $\frac{1}{4}$  lb. \$1.75.

**MARGLOBE**—A new variety introduced by the United States Department of Agriculture. Fruit resembles Globe but is scarlet and the flesh more solid. It is very wilt-resistant. Pkt. 5c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50;  $\frac{1}{2}$  lb. \$2.75; lb. \$5.00.

**NEW STONE**—One of the best main crop Tomatoes for all purposes and largely used for canning and shipping. The tomato is of good size, bright red, solid, smooth and productive. Pkt. 5c;  $\frac{1}{2}$  oz. 25c; oz. 40c;  $\frac{1}{4}$  lb. \$1.25;  $\frac{1}{2}$  lb. \$2.50; lb. \$4.50.

**OXHEART**—Heart shaped, rosy pink, very solid flesh, few seeds. Single fruits often weigh 2 pounds. Mildly acid, of pleasing flavor. Pkt. 5c; oz. 75c;  $\frac{1}{4}$  lb. \$2.00.

**PONDEROSA**—The largest tomato in existence. The vines are vigorous and tall growing, and extremely productive. The purplish-pink fruits are very solid with few seeds, fairly smooth, and considered of very good quality by those who prefer a tomato quite free from acid. Ripens about midseason. Desirable for slicing. Pkt. 5c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50;  $\frac{1}{2}$  lb. \$2.75; lb. \$5.00.

**SANTA CLARA CANNER**—This is the large fruited variety so popular in the Santa Clara Valley. The heaviest (tons per acre) producing tomato on the Pacific Coast. Very profitable to grow for canneries. The large, thick, flat, scarlet fruits frequently show some corrugations. The strain we offer has been selected to obtain smoother fruits. Pkt. 10c;  $\frac{1}{2}$  oz. 40c; 1 oz. 75c;  $\frac{1}{4}$  lb. \$2.50; 1 lb. \$8.00.



*Tomato, Marglobe*



## Tomatoes (Continued)

**SAN JOSE CANNER**—This is a large fruited variety, rather late in ripening, producing a large fruit. Has a small core, is very meaty and solid. The plant continues to bear well right up to frost time. Highly recommended for canners. Pkt. 5c; oz. 50c; ¼ lb. \$1.50; ½ lb. \$2.75; lb. \$5.00.

**SPARK'S EARLIANA** — A perfect early tomato, large in size and beautiful in color, nearly seedless and very solid, a vigorous grower and prodigious bearer, yielding its splendid fruit until frost. Pkt. 5c; oz. 10c; ¼ lb. \$1.20; ½ lb. \$2.20; lb. \$4.00.

**YELLOW PEAR** — Fruits 2 inches long; pear-formed; used for preserves, etc. Pkt. 5c; oz. 50c.

**YELLOW PLUM** — Fruits small, plum-shaped; flesh finely flavored and yellow. A good preserving variety. Pkt. 5c; oz. 50c.



*Tomatoes, New Stone*

## TURNIP

Two pounds per acre in drills, 3 pounds broadcast. Turnips do best in highly enriched sandy or light loamy soil. Commence sowing the earliest varieties in January, in drills from 12 to 15 inches apart and thin out nearly 6 to 8 inches in the row. For last planting or main crop, sow in July and August.

**EARLY SNOWBALL**—A medium sized, early variety; pure white and of good flavor. Pkt. 5c; oz. 15c; ¼ lb. 25c; ½ lb. 40c; lb. 65c; 2 lbs. \$1.15.

**EARLY WHITE FLAT DUTCH**—A most excellent early variety. Roots medium size, flat, color white; very early, sweet and tender. Pkt. 5c; oz. 15c; ¼ lb. 25c; ½ lb. 40c; lb. 65c; 2 lbs. \$1.15.

**EARLY WHITE STRAP-LEAF**—Differs from Purple Top Strap-Leaf only in color. Pkt. 5c; oz. 15c; ¼ lb. 25c; ½ lb. 40c; lb. 65c; 2 lbs. \$1.15.



*Turnip, Purple Top White Globe*

**EARLY WHITE MILAN**—The earliest flat white turnip, very similar to Purple Top Milan. Tops small and strap-leaved. May be planted close together. Medium size, quality very good. Pkt. 5c; oz. 15c; ¼ lb. 25c; ½ lb. 40c; lb. 65c; 2 lbs. \$1.15.

**JAPANESE FOLIAGE TURNIP (Shogoin)**—An excellent variety where "turnip greens" are desired. Leaves very large, thick, juicy and tender and are produced upright often 2 to 3 feet high. Bulbs globe shaped, snow white, solid, mild and tender. Not subject to disease like other varieties of foliage turnips. Also used by canners. Pkt. 5c; oz. 15c; ¼ lb. 25c; ½ lb. 45c; lb. 75c; 2 lbs. \$1.35; 5 lbs. \$3.20; 10 lbs. \$5.60.

**PURPLE TOP, STRAP-LEAVED**—A very early strap-leaved variety having scant, erect, entire, stiff leaves. Roots are regular in shape, flat and medium-sized, purple-red above ground, white below. Flesh is white, fine grained and tender. Best when 2½ inches in diameter. Pkt. 5c; oz. 15c; ¼ lb. 25c; ½ lb. 40c; lb. 65c; 2 lbs. \$1.15.

**PURPLE TOP WHITE GLOBE**—As indicated by its name this variety is white under ground, purple above, flesh white, fine grained and tender; should be used when about 3 inches in diameter. Keeps well and good for market use. Pkt. 5c; oz. 15c; ¼ lb. 30c; ½ lb. 45c; lb. 75c; 2 lbs. \$1.15; 5 lbs. \$3.00; 10 lbs. \$5.50.

**SEVEN TOP**—For greens. Pkt. 5c; oz. 15c; ¼ lb. 25c; ½ lb. 50c; 2 lbs. 90c; 5 lbs. \$2.00; 10 lbs. \$3.50.

**WHITE EGG**—Is nearly oval or egg-shape, as its name would indicate; flesh very firm and fine-grained; thin and perfectly smooth skin, and both flesh and skin are snow white. Pkt. 5c; oz. 15c; ¼ lb. 25c; ½ lb. 40c; lb. 65c; 2 lbs. \$1.15.

**YELLOW GLOBE GREEN TOP**—A yellow-fleshed globe-shaped variety of medium to large size, smooth and of light yellow color with small green crown. Flesh is light yellow, fine-grained, and sweet. A fine keeper and heavy cropper. Pkt. 5c; oz. 15c; ¼ lb. 25c; ½ lb. 40c; lb. 65c; 2 lbs. \$1.15; 5 lbs. \$2.50; 10 lbs. \$4.75.



## HERBS

More and more are herbs becoming a familiar feature in home gardens. Not only are herbs one of the most interesting and unique plants . . . but they are practical as well, many of them providing the finest flavoring and garnishing for foods. On this page you will find a listing of the most popular varieties.

**ANISE** (*pimpinella anisum*)—An annual cultivated principally for its seeds which have a fragrant, agreeable odor and pleasant taste; used medicinally for aromatic cordials, and for relief of colic and nausea. Leaves are sometimes used for garnishing and flavoring. Pkt. 5c; oz. 20c.

**BALM** (*melissa officinalis*)—A perennial easily propagated by division of roots or from seed. Leaves have a fragrant odor similar to lemons and are used for making a pleasant tea for use in fevers; also for making a pleasant beverage called balm wine. Pkt. 5c; oz. 50c.

**BORAGE**—This annual plant is grown in the same manner as spinach. The leaves are fuzzy, oval in shape and 6 to 10 inches in length. It is used for the green filling in Ravioli, for which purpose it is considered superior to spinach, chard, etc. Pkt. 5c; oz. 25c; 2 oz. 40c.

**CARAWAY** (*carum carui*)—Annual. Cultivated for its seeds which are used in confectionery, cakes, etc. Leaves sometimes used in soups, for flavoring liquors, and for colic in children. Pkt. 5c; oz. 15c; 2 oz. 25c.

**CHALLOTS**—Resemble small onions, and tops are used in seasoning, imparting an onion flavor. Lb. 30c.

**CHERVIL**—Pkt. 5c; oz. 25c. (See page 16.)

**CHIVES**—Pkt. 5c; ¼ oz. 25c. (See page 19.)

**CORIANDER** (*coriandrum sativum*)—Annual. Cultivated for its seed which has an agreeable taste and is used in confectionery and to disguise the taste of medicine. Pkt. 5c; oz. 15c; oz. 25c.

**DILL**—Annual. Pkt. 5c; oz. 15c; 2 oz. 25c. (See p. 21.)

**FENNELL, Sweet**—Pkt. 5c; oz. 25c; ¼ lb. 75c. (See page 22.)

**HOREHOUND** (*marrubium vulgare*) — Perennial. Aromatic odor and bitter, pungent taste. Used medicinally, especially in cough syrups. Pkt. 5c; oz. 50c; 2 oz. 85c.

**HYSSOP** (*hyssopus officinalis*)—Perennial. Aromatic odor and warm pungent taste. Used as a stimulant, expectorant and mild tonic. Pkt. 5c; oz. 75c.

**LAVENDER**—A hardy perennial growing about 2 feet high, very erect, with slender grayish green leaves and small violet-blue flowers. It furnishes a most delightful perfume when used for the distillation of lavender water or when dried and placed in with household linens, etc. It should be picked before it be-



Rosemary

comes dry and hard, and dried quickly. A worth-while and pleasing plant for the home garden. Pkt. 10c; ¼ oz. 25c.

**MARJORAM, Sweet** (*ariganum marjorana*)—Perennial. An aromatic herb for seasoning. The young tender tops and leaves are used green in summer to flavor broths, dressings, sauces, etc., and are also dried for winter use. Pkt. 5c; oz. 20c; 2 oz. 35c.

**PEPPERMINT**—Used for flavoring but chiefly for distillation of the valuable essence. Pkt. 25c.

**ROSEMARY**—A hardy perennial, with fragrant odor and a warm bitter taste. The leaves are used for flavoring meats and soups, and for medical drinks. Pkt. 5c; oz. 50c.

**SAFFRON** (*carthamus tinctorius*) — Annual. Cultivated for its flowers which are used principally for coloring, and sometimes for flavoring. Flowers should be picked when in full bloom. Pkt. 5c; oz. 50c.

**SAGE**—One of the most extensively used herbs for seasoning. Hardy perennial plant lasting for years when well established. Pkt. 10c; oz. 30c.

**SAVORY, Summer** (*satureia hortensis*) — Annual. Dried stems, leaves and flowers are used extensively for seasoning, especially in dressings and soups. Pkt. 5c; oz. 20c; 2 oz. 35c.

**SWEET BASIL**—Aromatic annual plant growing from 4 to 8 inches high. Leaves are used in seasoning to quite an extent by the Italians. Can be sown at intervals for a continuous supply. In summer should be sown in semi-shady place as it will not run to seed so quickly.

**Large Leaved Green**—Leaves dark green, very aromatic. Pkt. 5c; oz. 25c.

**Lettuce Leaved**—Leaves are much larger than the preceding but lighter green; flavoring qualities not as strong. Pkt. 10c; oz. 35c.

**THYME** (*thymus vulgaris*) — Perennial. Aromatic herb, used principally for seasoning. Leaves are sometimes used to make a tea for relieving headache. Pkt. 5c; oz. 50c.

**WORMWOOD** — Perennial. Plant of fragrant and spicy odor, but with intensely bitter taste. Leaves are used as a tonic, vermifuge and as a dressing for fresh bruises. Pkt. 5c; oz. 75c.



Thyme



Sweet Marjoram



# With the Camera-man— *throughout California where growers are showing greater preference than ever for* **LAGO BRAND SEEDS**

(At right) Photograph of W. C. Eia, foreman of the Swallows Nest Farm, owned by H. M. Swalley, showing the luxuriant growth of Purple Vetch cover crop on this 40-acre Bartlett Pear and Canning Peach orchard in the Natomas District. This system of planting cover crops has been followed on this orchard farm for a number of years and Mr. Eia reports that the soil is rich in humus which greatly improved the physical condition of the soil. He also states that it has resulted in a loosening up of the soil, making it more porous and causing it to retain water to a much greater degree.



(At left) Cavalier Ambassador II, one of the many prize-winning Scotch Ayrshire Dairy Herd on the Brundane Pure Bred Stock Farm near Elk Grove, owned by Mr. J. W. Hanner and Elmer Hanner. Pure bred dairy cows have been raised on this farm for over 25 years and the owners are the proud possessors of scores of awards won by their pure bred stock at fairs all over the state. Mr. J. W. Hanner states that vetch and oats produce the ideal roughage for his pure breds and that vetch produces a very economical source of protein as a supplement to alfalfa.

Lago Brand Seeds have long been selected for use by this famous stock farm.

(At right) Mr. Phil Smith in his privately owned airplane which is an important part of the farming equipment that he maintains on his several thousand acre sheep and cattle ranch near Fort Bragg. He has discarded the old fashioned method of sowing seed from horseback and now sows the seed from an airplane.

Mr. Smith uses Lago Brand grasses and clovers to reseed his ranges. One of the clovers he uses is Bur Clover. He is enthusiastic over the wonderful possibilities of this clover to bring up the production of many of our ranges.

Raising Arabian horses as a hobby, Mr. Smith has won much recognition for himself in this direction.







## ALFALFA

### WRITE FOR PRICES IN LARGE QUANTITIES

This year on account of the very high prices of hay there will be a very large planting of alfalfa. This heavy demand for seed will be reflected in prices as the season advances, particularly if we have a normal planting season which all indications point to. The early buyer will effect substantial economies now which likely will not be possible when the general demand for alfalfa seed is felt. Our stocks are larger than normal but we advise immediate booking of your requirements.

### Chilian (Argentine Grown)

Because of the short crop of domestic alfalfa seed this year and the resultant high prices, imported alfalfa seed will be much in demand because of their much lower prices. One of the most popular importations is Chilean alfalfa seed from Argentine, which has proven its excellence for many years. We have imported a large quantity of this seed this year and can quote very attractive prices. Lb. 35c; 10 lbs. \$3. (Write for quantity prices.)

### Hairy Peruvian

The hay from this variety is not quite as fine as that of Chilian. Lb. 40c; 10 lbs. \$3.50.

### Chilian (or Common)

This is probably the most popular of all varieties. Yields very heavily and produces the finest hay. Has a long life and thrives splendidly wherever growing conditions are normal. Lb. 40c; 10 lbs. \$3.50. (Write for quantity prices.)

### Grimm Alfalfa

The hardest strain of alfalfa. Extra hardy in cold or dry places. Not recommended for planting in the valley. Lb. 50c; 5 lbs. \$2.25; 10 lbs. \$4.00.

## CLOVERS

Prices quoted on Clover Seed are postpaid to the fourth zone. Prices on Clovers fluctuate. If interested in quantities larger than quoted here write for our current market prices.

**ALSIKE or SWEDISH CLOVER** (*trifolium hybridum*)—A perfectly hardy perennial clover. Excellent for hay and pasture. The blossoms are also valuable for bees. Especially adapted for cool and cold climates. Sow 8 to 10 lbs. per acre. Lb. 45c; 5 lbs. \$2.00; 10 lbs. \$3.75.

**BOKHARA or SWEET CLOVER** (*melilotus alba*)—(White Blossom)—In recent years this clover has become very popular as a soil renovator and is good also for cattle pasture and hay crop. Does well in Nevada. A very hardy grower, its extensive roots penetrating deep into the subsoil. It is a biennial, grows 3 to 5 feet and is covered with small white

flowers of great fragrance, affording abundant feed for bees. Sow 10 to 12 pounds per acre. Cover seed lightly. Lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.00

**BURR CLOVER** (*medicago denticulata*)—A native clover and one of the best nitrogen gathering crops. Thrives on poorest soils. One of the best clovers for cover crop purposes. Lb. 25c; 10 lbs. \$2.00.

**RED CLOVER** (*trifolium pratense*)—This is the most important of all clovers, and the standard everywhere for hay and pasture. Hardy and succeeds well in any good soil. Makes superior hay, especially when mixed with timothy; either for dairy cows or general use.



## CLOVERS (Continued)

When planted alone, sow 12 to 15 pounds per acre. When planted with timothy, sow 8 to 10 pounds of clover to 2 to 5 pounds of timothy to the acre. Lb. 45c; 5 lbs. \$2.00; 10 lbs. \$3.75.

**MELILOTUS INDICA** (Yellow Blossom Sour Clover) — Not recommended for forage or hay, but the most popular clover for cover crops in California. Makes a good winter growth and yields large tonnage of growth. Annual. Sow 12 to 15 pounds per acre. Lb. 20c; 10 lbs. \$1.50.

**HUBAM CLOVER** — Hubam is a rapid growing annual sweet clover attaining a height of 7 feet. It is valuable as a catch crop, for pasturage and as a hay crop. The flowers are rich in honey and on this account it is sown freely by bee keepers. Lb. 40c; 10 lbs. \$3.50.

**STRAWBERRY CLOVER** — This clover which comes from Australia is adapted only for very low wet or marshy lands. Has a spreading habit, covering the

ground well and produces abundantly on such types of land. Lb. \$2.50.

**LESPEDEZA KOREAN** (*L. stipulacea*) — Adapted for very poor soils, especially sour soils. Compares with alfalfa in feed value. Little known on the Pacific Coast. Lb. 35c; 5 lbs. \$1.75; 10 lbs. \$3.00. Write for circular.

**LESPEDEZA JAPANESE** (*L. sericea*) — Write for prices.

**SULLA CLOVER** — A perennial legume that gives much forage, especially on poor soils. Lb. \$1.50.

**WHITE DUTCH CLOVER** (*trifolium repens*) — A very hardy creeping clover, which adapts itself to a great variety of soils and climates, being found in every state in the Union. Superior for pasture either for sheep or cattle. As a bee pasture it is unexcelled. It also makes a beautiful lawn when mixed with blue grass, and is used extensively for this purpose. Sow 10 pounds per acre. Lb. 50c; 10 lbs. \$4.50.

## FERTILIZE CLOVERS

Insue your clover crops by fertilizing. About 200 pounds at planting makes for a perfect stand, that would otherwise fail through adverse weather or soil conditions. When the stand is old it can be again renewed to old-time vigor by a top dressing of from 300 to 500 pounds to the acre. The cost is small. Don't take a chance. Write us for prices and methods of application.



*Sudan Grass*

## GRASS SEEDS

Prices quoted are postpaid to fourth zone. Prices on Field Seeds fluctuate. Write for prices on quantities.

### Sudan Grass

Every year finds more and more growers depending on Sudan Grass for Summer pasturage and hay. It is quick growing and an idea of its abundant growth is revealed in the illustration above. No other grass supplies so much Summer pasture and hay as does Sudan. We can supply you with this fine grass seed in any quantity. Samples gladly mailed on request. Lb. 20c; 10 lbs. \$1.50. Let us quote you prices on larger quantities.

**ALFILARIA** (*erodium cicutarium*) — This plant, a native of the west, is one of the most nutritious of fodder plants and is well liked by cattle and horses. It thrives and makes good pasture on dry hillsides.

Seed mats and must be hand-sown. Sow 20 pounds per acre. Lb. \$1.00.

**BROME GRASS** (*bromus inermis*) — This grass, because of its strong perennial character and its unusual drought resisting powers, is the best grass for semi-arid regions (succeeds on our dry hillsides.) Grows luxuriantly, is freely eaten dry or green by cattle and yields from 2 to 6 tons to the acre. Sow 25 to 30 lbs. per acre. Lb. 40c; 10 lbs. \$3.50.

**BERMUDA GRASS** (*cynodon dactylon*) — Thrives in the hottest and driest weather. The plant spreads by means of its long and many-jointed root-stalks, and for this reason is hard to eradicate once it has secured a foothold. Well adapted for holding embankments, etc. The seed is very slow to germinate, and requires warm soil and moisture. Lb. 50c; 10 lbs. \$4.50.



## Grass Seeds (Continued)

**BLUE GRASS**, Winter, or *Poa Bulbosa*—This is a recent introduction from Oregon where it is considered valuable as a winter pasture. Grows during the winter from October to the end of April. During the summer the grass dries up and remains dormant until the following fall when it revives again. Produces heavy sod and growth is 3 to 6 inches high. Lb. 50c; 10 lbs. \$4.50.

**DALLAS GRASS** (*paspalum dilatatum*)—A strong growing perennial grass with a deep, strong root system, growing in clumps or bunches 2 to 4 feet high. The leaves are numerous near the ground but few on the stems. It grows on the poor as well as on the rich soils, and it will not die out under conditions of drought, reviving quickly as soon as moisture becomes available. It is also adaptable for growth in swampy lands and supplies thick matted roots that will support cattle on soft ground. It is a vigorous grower and will take root and choke out weeds. It is one of the best winter pasture grasses for heavy, moist, black soils. It remains green all winter unless injured by severe frosts. Persistent grazing will not injure it. Produces an immense number of leaves which are renewed quickly. Sow 8 to 10 pounds per acre. Lb. 65c; 10 lbs. \$6.00.

**HARDING GRASS** (*phalaris stenoptera*)—This is a true and lasting perennial grass standing hard usage and tramping of stock. It will furnish an excellent feed for years but can be easily eradicated if desired. The growth is tender and sweet, splendid for cattle, pigs, and sheep and has a heavy butterfat content. Sown at the rate of 3 pounds per acre as soon as the ground can be worked in the spring has given good results. Oz. 15c; lb. \$1.50.

**ITALIAN RYE GRASS** (*lolium italicum*)—A quick growing grass, attaining a height of 2½ to 4 feet. Very desirable for temporary meadows or pastures. Thrives best on moist soils and will stand considerable overflow. Sown in the fall, will produce an excellent hay crop the following season, but lasts only one year. Bears an abundance of foliage that makes the best and sweetest hay imaginable. Lb. 25c; 10 lbs. \$2.00.

**KENTUCKY BLUE GRASS** (*poa pratensis*)—One of the best grasses for permanent pasture, furnishing a constant supply of the most nutritious feed during the greater part of the year. As this grass takes some time to become established it is preferably sown in mixtures for pasturage. It prefers lime soils. One of the finest grasses for lawns because of its spreading habit, even texture, fine leaf and dark color. For pasture sow 28 pounds per acre. For lawns, at the rate of 5 to 6 pounds for every 1,000 square feet. See inside back cover.

**MEADOW FESCUE**, or English Blue Grass (*festuca pratensis*)—A valuable grass for permanent pasture and for rather damp meadows for cutting. Makes a quick second growth, but does not do so well on dry soils. Sow 30 pounds per acre. Lb. 45c; 10 lbs. \$3.50.

**MESQUITE** (*holcus lanatus*)—Valuable on cleared redwood and pine lands of California and Oregon, giving large crops of hay and good pasturage. Usually

sown on virgin soil without cultivation, after ground is burned over. Sow 15 pounds hulled seed per acre. Hulled seed, lb. 45c; 10 lbs. \$3.50.

**ORCHARD GRASS**, or Cocksfoot (*dactylis glomerata*)—One of the most valuable of all the cultivated grasses. Produces an immense quantity of forage, and hay of the best quality. When planted with Red Clover makes a fine hay. As a pasture grass is more productive than any other and does best under close feeding. It can be grown on almost any soil, in moist shady places, under trees, etc. Lb. 45c; 5 lbs. \$2.00; 10 lbs. \$3.50.

**RED TOP**, or Herd's Grass (*agrostis vulgaris*)—A good perennial grass generally sown for permanent pastures. Does best on moist or even marshy land. If the ground is not overflow land mix with meadow fescue, orchard grass or alsike clover. Sow 14 pounds hulled seed to the acre. Lb. 45c; 10 lbs. \$4.00.

**RHODES GRASS** (*chloris gayana*)—A strong growing perennial introduced from South Africa. The grass spreads by means of running branches 2 to 6 feet long, which root and produce a tuft at every node. Not troublesome as a weed as it is easily eradicated. Makes most excellent pasture, and hay of very fine quality, eagerly eaten by horses and cows. Does well on alkali soils. Does not winter over where temperature falls below 18 degrees. Sow 4 to 6 pounds per acre. Lb. 75c; 10 lbs. \$6.50.

**TALL MEADOW OATS GRASS** (*avena elatior*)—This deep-rooted perennial does well on rich as well as upland clay soils. Grows 5 to 6 feet tall and comes on early in the spring, remains green until late in the autumn. It stands pasturing well and furnishes an abundance of grazing. A mixture of it with Red Clover, Alsike Clover and Orchard Grass is often grown and is a good one, as all these plants mature at the same time. Sow 40 pounds per acre. Lb. 50c; 10 lbs. \$4.50.

**TIMOTHY** (*phleum pratense*)—Will stand extreme cold and yields very heavily. Often sown with Red Top and Red Clover. Not recommended for pasture as there is very little growth after cutting, and tramping of stock soon destroys it. Thrives best on loamy soils. Not adapted to dry soils. Lb. 30c; 10 lbs. \$2.50.



Timothy



## MISCELLANEOUS FARM SEED

Prices quoted are postpaid to fourth zone. Prices on Field Seeds fluctuate. Write for prices on quantities.

**BEANS, BELL WINDSOR** (small seeded Horse Beans) — While the seed of this variety is much smaller than the regular Broad Windsor, or Fava Beans, their growth is ranker and they have a more stooling habit. For cover crop purposes they rank among the best as they give a very heavy tonnage of coarse green material which is desirable, especially in heavy or very light soils. Sow preferably in the fall, either drilled or broadcast. Forty pounds per acre drilled. Lb. 20c; 10 lbs. \$1.50.

**BEANS, BROAD WINDSOR or FAVA** — See page 8.

**BEANS, SOY or SOJA** — Valuable as a summer forage or green manure crop. Lb. 20c; 10 lbs. \$1.50. (Write for quantity prices.)

**BUCKWHEAT, COMMON** — Is earlier than the silver-hulled. Excellent for bee-pasture and valuable for a catch crop. Sow (after danger of frost) 36 pounds per acre in drills. Lb. 20c.

**COWPEAS, BRABHAM** — Very similar to Whippoorwills but resistant to nematode. Lb. 25c. (Write for quantity prices.)

**COWPEAS, BLACK EYE** — This is known as the black-eye bean in California and is grown extensively in the Sacramento and San Joaquin valleys. Lb. 15c; 10 lbs. \$1.25.

**COWPEAS, WHIPPOORWILL** — These are planted in the South for summer cover crops. Plant after danger of frost is over, preferably when the soil is thoroughly warmed. Lb. 25c.

**CORN, BROOM (Imported Dwarf Evergreen)** — Extensively used for making brooms on account of its color and quality of brush. Grows 8 to 10 feet high. Sow 10 pounds per acre. Lb. 20c.

**CORN, EGYPTIAN** — This also is one of the drought resisting non-saccharine crops. The grain is produced in large compact heads and the seed is flat and pure white. Used extensively as chicken feed. Culture same as Milo Maize. Lb. 20c.

**ESPARCETTE, or SAINFOIN (*onabrychis sativa*)** — An excellent legume for growing on poor land and barren hills. When once established will last for years. Similar feeding value as alfalfa. Lb. 50c; 10 lbs. \$4.00.

**HEMP** — We offer oriental grown hemp, which is the variety used commercially for bird seed mixtures. Lb. 20c.

**KALE, JERSEY or TREE** — This is generally grown for chicken feed and also for other stock. (See page 24 for description.)

**MILLET, GERMAN (*panicum germanicum*)** — Will grow on any good land and yields heavily when irrigated. Yields from 40 to 60 bushels of seed per acre, and is excellent food for stock and poultry. Also a good green fodder plant. Lb. 20c.

**MILLET, HOG or BROOMCORN** — The seed is large for a millet and is a rich food. The name "hog millet" is used to emphasize the use for which it is intended. It is a valuable feed for hogs as well as for birds and poultry. Is better adapted for the production of grain than for pasture. Lb. 20c.

**MILO MAIZE, DOUBLE DWARF** — This variety of red milo grows 2 to 2½ feet high and has been developed especially for convenience and economy in harvesting. It can be cut and harvested by machinery in the same manner as heading grain. Lb. 20c.

**MILO MAIZE, DWARF** — Grows 4 to 5 feet tall and is grown principally for the grain. Yields as high as 2 tons of grain per acre when conditions are favorable. Plant in rows 3 feet apart and 6 to 12 inches apart in the row. Lb. 20c.

**PEAS, CANADIAN FIELD** — Excellent for cover crop or for forage for cattle. They make a good growth when planted as late as January. Lb. 20c.

**PEAS, AUSTRIAN WINTER** — Introduced by us in 1929, and destined to become one of our valuable forage and cover crop peas. Rank grower and hardy. A high producer of nitrogen when planted as a cover crop. Lb. 20c; 10 lbs. \$1.50.

**RAPE, DWARF ESSEX** — Excellent pasture for all stock, especially for hogs and sheep, and a fine green feed for chickens. Thrives on all soils and is ready for use in 6 to 8 weeks after sowing. Sow 8 to 10 pounds per acre broadcast. Lb. 20c; 10 lbs. \$1.75.

**SORGHUM, EARLY AMBER** — Furnishes a large quantity of most nutritive forage, which can be fed either green or cured, and will yield two or three cuttings a year, stooling out thicker each time it is cut. Grows 10 to 12 feet high. Sow broadcast at rate of 60 pounds per acre, or in drills at rate of 10 pounds per acre in rows 3½ to 4 inches apart. Matures early and can be planted later than others. Syrup can be made from this variety. Lb. 20c.

**SORGHUM, HONEY** — This is grown for forage and silage. Grows 8 to 12 feet high and yields up to 27 tons per acre without irrigation. When crop is used for fodder or silage sow in rows 3 to 3½ feet apart, using up to 4 pounds per acre. Syrup can also be made from this variety. Matures in 150 days. Lb. 25c; 5 lbs. \$1.15; 10 lbs. \$1.50.

**VETCH, HAIRY, SAND or WINTER (*vicia villosa*)** — Thrives on poor, arid, sandy soils, and makes a better growth during the cold season than the others. Lb. 25c; 10 lbs. \$2.00.

**VETCH, PURPLE (*vicia atropurpurea*)** — Preferred by many for cover crop purposes as it makes a rapid growth. Not affected by aphids as easily as others. Has a superior hay value. Lb. 20c; 10 lbs. \$1.50.

**VETCH, COMMON (*vicia sativa*)** — Also known as Oregon Vetch. A vine resembling peas and valuable for forage and green manure. As a hay crop it is generally sown with oats or wheat to afford support for the vines. Usually sown in the fall for cover crops and turned under in the spring. Lb. 15c; 10 lbs. \$1.25.



# LADINO CLOVER

*An Old World Pasturage That Shows the Way to New Profits!*

*Note Luxuriant Growth of Ladino!*

F. Lagomarsino & Sons are proud of the distinction of having been among the first to introduce Ladino Clover, the perfect pasturage clover for milk cows, stock and poultry, to California a few years ago. An idea of its amazing success and widespread acceptance by growers is revealed by that fact that today in almost all sections of California and the West it is common to find acreages of from 50 to 1000 acres planted to Ladino Clover. In the Oakdale section alone there is approximately 15,000 acres in Ladino Clover.

Originally an old world clover, imported from Italy, it possesses all the qualities that make it ideally suited to California climate and soil. One of the chief reasons for its steadily growing popularity is the way it thrives on low priced land. The sections north of Sacramento and elsewhere in California where water is abundant present unlimited possibilities for growing Ladino Clover.

Ladino Clover grows luxuriantly on heavy or adobe soils. The only requisite is that it be well irrigated. We have been importing Ladino Clover seed from Oregon and Idaho as well as from Italy for a number of years.



Although we recommend both the domestic as well as the imported Ladino Clover, many of our customers prefer the imported Italian Ladino Clover because of its strong growth and purity of strain. Our domestic Ladino is all certified. This is of importance for the reason that the seed of the regular white clover as well as several other varieties of Clover are the same in appearance as Ladino Clover. The ultimate production per acre of genuine Ladino Clover as against these several other varieties of clover however is

so much greater that there is no comparison.

Postpaid to 4th Zone up to 10 lbs.

50 to 100 lbs. freight or express paid to your station. Prices subject to change.

Write for prices on larger quantities.

Lago Brand Oregon Certified—Lb. \$1.00; 5 lbs. @ 90c lb.; 10 lbs. @ 85c lb.; 25 lbs. @ 80c lb.; 50 lbs. @ 75c lb.; 100 lbs. @ 75c lb.

Lago Brand Italian Imported—Lb. 95c; 5 lbs. @ 85c lb.; 10 lbs. @ 80c lb.; 25 lbs. @ 75c lb.; 50 lbs. @ 70c lb.; 100 lbs. @ 70c lb.

## Plants 600 Acres of LAGO Brand Ladino

Mr. W. Hawes, of Oakdale, California, planted 600 acres of Ladino Clover on his large stock and poultry ranch where he runs around 10,000 head of sheep at the present time and will soon increase it to 15,000 head. 300 acres of it was planted to Lago Brand Imported Ladino and 300 to the Lago Brand domestic strain.

Mr. W. Hawes is more than satisfied with the results of Ladino Clover stock pasturage and recently has started feeding several thousand turkeys on this same fine clover. He reports that he had reduced his feed bills substantially by using Ladino Clover as a pasturage for his turkeys.



(Above) Mr. A. L. Gilbert, F. Lagomarsino & Sons dealer at Oakdale, is pictured inspecting Ladino Clover growth on the stock and poultry ranch of Mr. W. Hawes, near Oakdale, California.



(Left) Mr. W. Hawes and Mr. A. L. Gilbert shown with some of the thousands of turkeys which Mr. W. Hawes feeds on Ladino Clover.



## NEW ALL AMERICA

Each year expert flower seed growers throughout the world send seed samples of their most outstanding novelties for trials to be grown in various sections of the United States. These trials are observed by competent, impartial judges for their outstanding merits. We feel certain you will be pleased with the following list of these nationally known and admired flowers. Our generous packets give full cultural directions.

All seed offered is grown by the world's finest seed growers. None better can be obtained.

### NEW COLLARETTE MARIGOLD, CROWN OF GOLD

Gold Medal, All-America Selections, 1937

A new kind of Marigold with a Chrysanthemum-like crown surrounded by a collar of big, broad petals of the same color, bright golden orange. It is the only Marigold with entirely odorless foliage. The flowers have a delicate fragrance. Plants grow about 2 ft. tall, bloom early, profusely and continuously until frost. Lovely in the garden; wonderful for cutting. Pkt. 25c.

### PETUNIA, FLAMING VELVET

Gold Medal, All-America Selections, 1936

The only Gold Medal winner in last year's All-America Trials, Petunia Flaming Velvet has caused a sensation because of the uniform excellence of its velvety, rich, blood-red flower. It has not yet been widely grown, but after this year will be classed among the popular Petunia varieties. The plants are semi-compact in habit, about 15 inches in height, absolutely uniform, and the flowers are large and borne in great profusion. Pkt. 20c.

### NEW MINIATURE PETUNIA ROSE GEM

Award of Merit, All-America Selections, 1936

Rose Gem is a charming addition to the new miniature group of Petunias which was started with Pink Gem. Rose Gem is the color which the public has been asking for in this miniature form. It is the rich deep rose that has made Petunia Rose of Heaven so popular. The plant is neat and compact, 5 to 6 inches high and smothered with rich rose colored blooms about 2 inches in diameter. Pkt. 15c.

### ZINNIA, FANTASY, STAR DUST

Award of Merit, All-America Selections, 1937

To those who definitely do like an informal Zinnia, Star Dust will be welcomed with enthusiasm. It has the same shaggy-petaled, medium-sized flower as the mixture—a delicate, graceful bloom. The color is a rich deep golden yellow, one of the vibrant shades closely associated with Zinnias, while the very free flowering, 2½ to 3 foot plants are early blooming, coming into flower about 45 to 50 days from the time of planting. Pkt. 25c.

### ICELAND POPPY, YELLOW WONDER

Special Mention, All-America Selections, 1937

Yellow Wonder is longer stemmed, larger flowered and more vigorous growing than any other Iceland Poppy. The showy, cup-shaped flowers grow about 4 in. across, are rich lemon-yellow; the clear yellow color is made especially vivid by the silky sheen of the broad, round petals. Plants are strong growing and very free flowering; the foliage is rich bluish green and deeply lacinated. It is showy in the garden and lovely for cutting. Pkt. 25c.

### NASTURTIUM, DWARF DOUBLE, GOLDEN GLOBE

Award of Merit, All-America Selections, 1936

Golden Globe has more than justified its early claims to popularity. It is identical in color with the popular Golden Gleam, a vivid golden yellow. The plants are uniformly dwarf and compact and bear great quantities of the well-formed, semi-double, sweet-scented flowers throughout the season. Use it for a dwarf edging plant, for the rockery, for window boxes, or for general garden use. Pkt. 15c.

### VERBENA, FLORADALE BEAUTY

Special Mention, All-America Selections, 1937

Floradale Beauty Verbena is a giant hybrid, the flowers varying from bright rose-pink to deep rose-red of exceptional brightness. Individual florets are of perfect form, fully rounded, and average 1¼ in. across; they make up into heads or trusses which measure 4 to 5 in. across. Plants are very free flowering and grow about 2½ ft. across. We can recommend Floradale Beauty as a worth while novelty. Pkt. 25c.

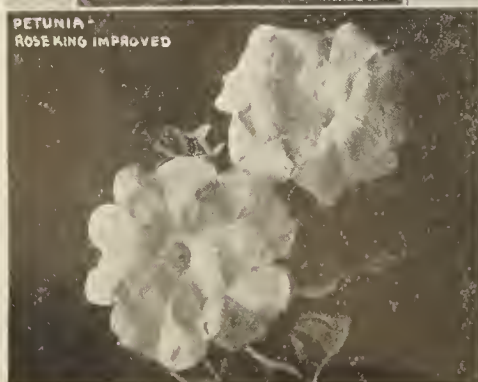
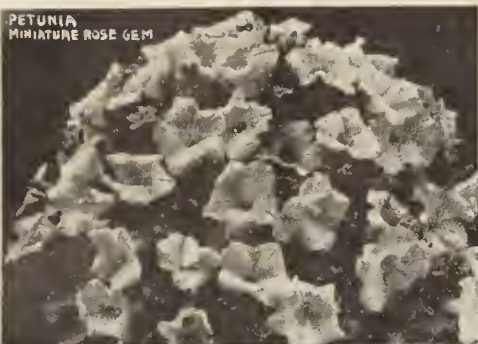
### POPPY NUDICAULE "THE EMPEROR"

Truly regal among this exceptional group of Poppies, The Emperor stands forth in a class by itself. It is without doubt the very finest orange Iceland Poppy ever produced, with extremely large fluted petaled flowers composed of broad, overlapping petals, many flowers having extra petals. The strong, straight stems are very wiry, 18 to 22 inches long, and bear the large flowers majestically whether in the garden or when used for cutting. A perennial, it blooms freely the first year from seed. Pkt. 25c.

### PETUNIA, ROSE KING IMPROVED

Special Mention, All-America Selections, 1936

A bed or border of Rose King Improved, the new and improved strain of Rose King, is a sight not soon to be forgotten. Its flowers are a clear, rich rose with a delicate light golden throat, and the 18-inch plants are rather bushy, absolutely uniform, and literally covered with blooms. Besides its decorative value for the garden, Rose King Improved is an excellent cut flower variety, especially effective when combined with some of the blue flowers such as Ageratum or Delphinium. Pkt. 25c.





# ANNUAL FLOWER NOVELTIES

## CORNFLOWER, JUBILEE GEM

Award of Merit, All-America Selections, 1937

Jubilee Gem is a dwarf variety of Cornflower making a compact plant literally covered with flowers. The plant is about 12 inches in height. Easy to grow, it is "everyone's" flower and is adaptable for almost any purpose to which a plant may be put. As an edging plant, a border plant, or for ground work in formal beds of Roses, etc., it will be found admirable; it is a fine cut flower and, above all, it may be sown outside in the autumn for spring flowering, or in the spring for summer flowering. Pkt. 25c.

## MARIGOLD, DWARF ROYAL SCOT, ALDOUBLE

Special Mention, All-America Selections, 1937

Royal Scot is a new achievement in Marigolds, new in color and new in that it is dwarf and double. Its growth is dwarf and bushy, every plant of a uniform shape and height of about 10 to 12 in. Color is a rich mahogany and gold in uniform stripes. It is a splendid plant for borders and blooms for a long period from mid-summer until frost. Pkt. 25c.

## PETUNIA, BURGUNDY

Special Mention, All-America Selections, 1937

Petunia Burgundy is a large-flowered, plain edged variety (Petunia hybrida grandiflora). The color is a beautiful, velvety Burgundy-red in lovely contrast to the inconspicuous white throat. Pkt. 25c.

## MARIGOLD DIXIE SUNSHINE

Award of Merit, All-America Selections, 1936

From the Land of Dixie to the gardens of the world comes this most charming Marigold. The large ball-shaped flowers are ingeniously composed of dozens of tiny five-petaled florets, gracefully interlocking, daintily fringed in effect. Brilliant golden yellow, 100% fully double, and but faintly scented. Whether in the garden, on tall, bushy plants literally smothered with blooms, or when arranged for home decoration, the strong stemmed flowers are a constant joy until frost. Pkt. 15c.

## LARKSPUR, GIANT IMPERIAL, WHITE KING

Special Mention, All-America Selections, 1937

White King is without any question the finest Giant Imperial Larkspur developed since Carmine King. The flowers are a pure, glistening white with rounded broad petals. The florets are extremely large and fully double, measuring as much as 2 inches across and are evenly and closely spaced on the stem. This gives a very heavy Hollyhock-like cutting spike from 24 to 30 inches long. The plants are tall, well over 5 feet. White King is very early blooming, coming into flower more than a week earlier than other Giant Imperial varieties. Pkt. 25c.

## LARKSPUR, GIANT IMPERIAL, CORAL KING

In Coral King is a new color never before seen in Larkspurs—blush pink, with a strong suffusion of coral which deepens and gets richer as the flowers mature. The florets are very large and fully double, with rounded petals. There is a magnificent length of Hollyhock-like flowering spike, averaging from 24 to 30 inches. The plants are from 5 to 5½ feet tall under our conditions, and are of the true Giant Imperial type, branching from the base. Pkt. 25c.

## COSMOS, SENSATION, FINEST MIXED

Award of Merit, All-America Selections, 1936

For the short time it has been on the market Cosmos Sensation has earned for itself a remarkably permanent position in the garden world. The flowers are mammoth in size, 4 to 5 inches in diameter, with broad, heavy fluted petals carried on very long strong stems. It is extremely early flowering, blooming in 10 weeks from the time of seeding. The mixture contains white, and shades of rose and pink. Pkt. 15c.

## MARIGOLD, YELLOW SUPREME

Gold Medal, All-America Selections, 1935

Yellow Supreme has more than lived up to its reputation as a companion to the popular Guinea Gold. The color is a delightful light lemon yellow, and the flowers are of medium size, loosely ruffled or carnation flowered in formation. The plants are 2 to 2½ feet tall, compact and pyramidal in habit and very free blooming. Yellow Supreme has proven itself very popular, both as a garden subject and for cutting. Pkt. 15c.

## MARIGOLD GIGANTEA SUNSET GIANTS

(A New Bodger Marigold)

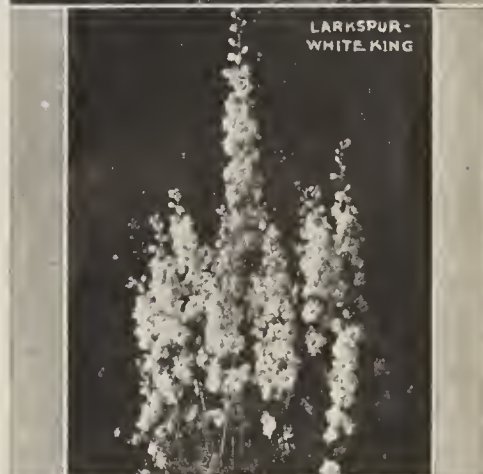
Marigold Sunset Giants are the largest ever known in the Marigold group, averaging 5 to 7½ inches. A plant of Sunset Giants is one of the showiest spots in any garden. Instead of the usual Marigold odor these flowers have a definitely sweet fragrance. The flowers are loosely formed, very full centered, with broad heavy petals gracefully overlapping to make a flower of great depth. Sunset Giants is a mixture ranging from deep orange through golden orange, deep golden yellow, light yellow, lemon yellow, and a delightful new shade of primrose. Pkt. 25c.



PETUNIA-  
BURGUNDY



MARIGOLD-DIXIE SUNSHINE



LARKSPUR-  
WHITE KING



COSMOS  
SENSATION



MARIGOLD-  
YELLOW SUPREME



## SUMMER FLOWERING BULBS



*Lilium Regale*

### LILIES

Postpaid to Fourth Zone

**LILIUM AURATUM (Gold Banded Lily)**—The most beautiful variety of all the lily family; should be in every garden. Flowers white, dotted crimson, with clear golden band running through the center of each petal; very fragrant. 20c each; \$2.00 doz.; also 25c and \$2.50 per doz.

**LILIUM RUBRUM MELPOMENE**—Frosted white, spotted, clouded and bearded with pinkish crimson. Petals deeply incurved and widely bordered red. 25c each; \$2.50 per doz.

**LILIUM TIGRINUM FLORO PLENA (Double Tiger Lily)**—This magnificent lily is of stately habit; bearing immense clusters of very large, double flowers, nodding on tall, strong stems; color bright orange red, spotted with black. 25c each; \$2.50 per dozen.

**LILIUM REGALE (Regal Lily)**—Large bulbs. 35c each; \$3.50 per doz. Also 25c each; \$2.50 doz. Also 15c each; \$1.50 doz.

**LILIUM AURATUM PLATYPHYLLUM**—Similar to Auratum but larger and finer in all respects. 35c each; \$2.50 per doz.

**LILIUM HANSONII (Yellow Japanese Lily)**—Large golden yellow flowers spotted purplish brown. 3 to 5 feet tall. 35c each; \$3.50 per doz.

**LILIUM HENRII**—4 to 8 feet tall, orange-yellow flowers spotted reddish brown, marked green near base. 15c each; \$1.50 per doz. 25c each; \$2.50 per doz.

**LILIUM PARDALINUM**—The native Tiger or Leopard Lily found growing in the mountains of California. The flowers are scarlet and yellow spotted with brown. 25c each; \$2.50 per doz.

**LILIUM SPECIOSUM RUBRUM**—The white or pink petals are thickly dotted with rose or crimson spots. This hardy, strong growing sort is sometimes called

"Crimson Banded" and is considered by many the most satisfactory for garden cultivation. 20c each; \$2.00 per doz.

### LILY OF THE VALLEY

A great favorite with everyone, and the most useful and charming of our spring flowering plants. The pure white, delicately scented bell-shaped blossoms are very useful for cutting and always in great demand. Select a partially shaded situation protected from the winds for best results. We offer nice, strong pips. Per doz. 75c; per 100, \$5.50, postpaid.

### CALADIUMS

One of the most effective plants in cultivation for beds, borders and for planting upon the lawn, adding a tropical effect. Thrive in cool, moist locations, and for planting in and covering unsightly corners, are unexcelled.

**FANCY LEAVED CALADIUMS**—No other summer flowering plant equals the Fancy Caladiums in rich and gorgeous yet soft coloring. These new varieties are of marvelous beauty as potted plants and for bedding in semi-shaded positions. New and Rare Varieties, 50c each.

**CALADIUM ESCULANTUM (Elephant's Ear)**—Bears immense light green leaves, 3 to 4 feet long by 2½ feet wide. Plants often reach 6 to 10 feet in height. 30c each; \$3.00 per dozen.

### YELLOW CALLA LILY

Calla Lilies are general favorite, both for their beauty and the ease with which they are brought to bloom.

**ELLIOTTIANA**—Flowers bright yellow with spotted dark green foliage. 25c each; \$2.50 per dozen. Also 35c each; \$3.50 per dozen.

### GLOXINIAS

Charming for the house, window-boxes, or for bedding in sheltered locations. Lovely, upright, bell-shaped flowers, spotted and marked in most wonderful colorings, with neat, mottled foliage. Purple, Red, Violet, White, and Crimson Spotted. 25c each; \$2.50 per doz. For seed see page 73.

### MONTBRETIAS

Very desirable flowers. Bloom early in summer. Flowers are borne on long, graceful spikes resembling somewhat a gladiolus. Color a beautiful golden bronze. A very good cut flower. Culture, plant several bulbs in a clump about 2 inches deep. 75c dozen; \$5.50 per hundred.

### TUBEROSES

One of the most delightfully fragrant and beautiful of the summer flowering bulbs. Very easily grown and excellent for cut flowers.

**DOUBLE PEARL**—10c each; 75c per dozen.

### TIGRIDA . Tiger Flower

Beautiful summer-flowering bulb. Flowers are not lasting but are produced in succession over a long season. The flowers are large and showy, 4 to 5 inches across, oddly marked, with a cup-shaped or saucer-shaped center. Requires same treatment as gladiolus. 15c each; \$1.50 per doz.



# GLADIOLUS

Few summer flowering bulbous plants have enjoyed such consistent increasing interest and well deserved favor as have these late flowering Gladiolus. They are unequalled garden and cut flower subjects in view of the wealth of gorgeous blooms they produce. Gladiolus will do well in almost any good soil except a stiff clay. Plant bulbs 6-9 inches apart and cover twice the depth of the bulb, generally 4 inches deep for the largest and about 2 inches deep for the smaller bulbs. Make the first early planting of the smallest bulbs in the spring, as soon as the ground is sufficiently dry and warm. If successive plantings are made every two weeks, flowers may be had from early summer until frost. The plants should be watered freely, particularly when the buds begin to show color, as steady, vigorous growth is essential in obtaining the choicest blossoms.

We supply only first-class No. 1 bulbs.

Note page 51 for color illustrations and Special Collection.

## New and Outstanding Varieties

**STAR OF BETHLEHEM**—(Pfitzer) Color snow white with tinge of cream on lower petals and the enormous florets, opening 6 to 8 at a time, are well placed of beautiful form and carried on very long stems. 35c each; 3 for 90c.

**JOHANN S. BACH**—(Pfitzer) Exhibition type. Color orange salmon with white median lines on each petal. Builds a tremendous spike with up to 10 open. 50c each.

**GATE OF HEAVEN**—(Pfitzer) The richest and deepest large flowered yellow yet produced. Florets beautifully ruffled. Each 15c; 3 for 35c.

**ROSEMARIE PFITZER**—Color very light pink with creamy hue. Forms an extra large spike up to 12 open florets perfectly arranged. Each 30c; 3 for 75c.

**MOORISH KING**—(Pfitzer) Dark mahogany maroon with velvet sheen. Substance of petals almost like leather. Each 20c; 3 for 50c.

**WURTEMBERGIA**—(Pfitzer) Color a beautiful scarlet with large soft cream throat blotch. A fine exhibition variety. Each 10c; 3 for 25c.

**WASAGA**—(Palmer) Clear apricot buff. One of the most beautiful colors to be found. Strong grower. Each 10c; 3 for 25c.

**MARGARET PETER**—An Australian variety of great merit. Color white with a bold crimson blotch. Tall spike with many open. Robust grower. Each 20c.

**RAMESES**—(Stevens) From the originator of Mother Machree comes this giant aster purple glad. Florets are of large size with fluted petals. Each 10c.

**SPECIAL**—1 each of the above 9 exhibition glads for \$1.50; a \$2.00 value.

## ORANGE AND YELLOW

**GATE OF HEAVEN**—New rich deep ruffled yellow. Each 15c; 3 for 35c.

**LA PALOMA**—Finest vivid orange. Flowers of heavy texture carried on extra long wiry spikes. 5c each; 50c per doz.

**GOLD EAGLE**—A pure deep yellow which is one of the first to bloom. Each 5c; 50c per doz.

**DOROTHY DELL**—A new early light orange, the largest in this color. Each 12c; \$1.10 per doz.



*Moorish King*

## WHITE

**STAR OF BETHLEHEM**—The largest and finest pure white ever introduced. Each 35c; 3 for 90c.

**MARY O'MINE**—(Austin) Pure white with immense florets up to 8 inches across, with long finger-like petals. Late blooming. Each 5c; 50c per doz.

**MRS. ANNA PFITZER**—A huge spike of creamy white florets perfectly placed makes this glad one of the finest for exhibition. Each 12c; \$1.10 per doz.

**MARGARET PETER**—Tall white with bold crimson blotch. Each 20c; 3 for 50c.

**ALBATROSS**—Very fine pure white with large lily-like flowers on a spike that reaches 5 ft. in height. Each 8c; 75c per doz.

## BLUE-PURPLE

**PELEGRINA**—Pure dark violet blue variety, a sensation because of its color. Each 10c; 3 for 25c.

**LIBELLE**—(Pfitzer) Color a delightful heliotrope shade and quite the finest in the blue class. Called by the originator an improved Mrs. Konynenburg.

**TROUBADOUR**—(Pfitzer) A striking deep violet with long straight spike of 10-12 open flowers. A very clear attractive color. Each 7c; 70c per doz.

**RAMESES**—A giant aster purple variety that is among the first to bloom. Each 10c; 90c per doz.



**Gladiolus (Continued)***Wm. Cuthbertson***APRICOT-SALMON**

**APRICOT GLOW**—Tall clear apricot. A very robust grower. Each 5c; 50c doz.

**BETTY NUTHALL**—Giant coral pink with pale orange throat. One of the most popular glads. A fine cut flower but late blooming. 6c each; 60c per doz.

**GLORIANA**—Clear salmon blending with pure yellow throat. For fine color this glad is unbeatable. An excellent cut flower. Each 5c; 50c per doz.

**WASAGA**—Clear golden buff. Spikes are extra long. Each 10c; 3 for 25c.

**LAVENDER**

**AMBROSIA**—(Kunderd) A delightful shade of deep rose lavender with large yellow throat blotch. Extra long willowy spikes, fine for cutting. Each 10c.

**MINUET**—A clear lavender pink of excellent quality. Each 8c; 75c per doz.

**BERTY SNOW**—Lavender with soft cream throat. Florets perfectly placed on a long spike. Fine for exhibition. Each 7c; 70c per doz.

**MOTHER MACHREE**—A smoky lavender with tints of gold. A most unusual and attractive blending of color. Makes a grand spike. Each 7c; 70c per doz.

**EIGHTH WONDER**—(Kunderd) Massive old rose. One of the most distinctive glads in existence. A very strong grower. Late blooming. Each 6c; 60c doz.

**ROSE AND PINK**

**PICARDY**—Clear apricot pink. The most talked about glad in the world today. Each 7c; 60c per doz.

**MRS. P. W. SISSON**—Pure cameo pink, perhaps the finest colored variety in this class. Each 5c; 50c per doz.

**ROSEMARIE PFITZER**—Light pink suffused with cream. A perfectly formed spike with flowers of fine lasting substance. Unexcelled for exhibition. Each 30c; 3 for 75c.

**BLEEDING HEART**—Pale pink with large red blotch. Makes an extra long spike of bloom that is fine for cutting. Each 8c; 75c per doz.

**MR. WM. CUTHBERTSON**—Color a rich cherry pink with a large white center. Florets are heavily ruffled. Makes a fine spike with perfectly placed blooms. Each 10c; 3 for 25c.

**GIANT NYMPH**—A very reliable salmon pink. Fine for cutting. Each 5c; 50c doz.

**LOS ANGELES**—The CUT AND COME AGAIN GLAD—so named because of the habit it has of sending up so many spikes and side shoots. Color shrimp pink, red feather. Very vigorous plant. Each 5c; 50c doz.

**SCARLET AND RED**

**MOORISH KING**—Deep mahogany maroon of leather-like texture. Each 20c; 3 for 50c.

**DR. BENNETT**—The most popular red. A fiery scarlet color. Each 6c; 60c per doz.

**COMMANDER KOEHL**—Color a dark scarlet red. Fine spike. Each 8c; 80c per doz.

**JOHANN S. BACH**—Salmon red with white median lines. One of the finest of the newer introductions. Excellent for exhibition. Each 50c.

**WURTEMBERGIA**—Brilliant scarlet with soft cream blotch. Late blooming. Each 10c; 3 for 25c.

**DREAM OF BEAUTY**—A pure rose red without blotch or markings of any kind. A most unusual and attractive shade. Each 10c; 3 for 25c.

**RAINBOW MIXTURE**

A collection of beautiful Gladiolus appearing in a wide range of beautiful colors. 35c doz.; \$2.50 per 100; \$20.00 per 1000.

**SPECIAL COLLECTION ON PAGE 51**

Mrs. F. C. Peters	Pfitzer's Triumph
Mrs. F. E. Hornberger	Commander Koehl
W. H. Phipps	La Paloma
Mrs. Leon Douglas	Pelegrina
Mrs. F. Pendleton	Picardy

1 bulb	each ( 10 bulbs )	\$ .50
5 bulbs	each ( 50 bulbs )	2.00
10 bulbs	each ( 100 bulbs )	3.50

**LAGOMARSINO SELECT MIXTURE**—Made up from the best named sorts. 50c doz; \$3.50 per 100.



# GLADIOLUS

Gladiolus lend an air of majestic charm to any occasion and furnish a wealth of gorgeous blooms over a long period. The reward is indeed great for the very reasonable amount of care and attention necessary to successfully grow these splendid flowers.

## BRIGHT SPOT GARDEN COLLECTION

The following varieties have been carefully selected for their outstanding merits and will give you a beautifully balanced color display of leading giant flowered Gladiolus.

- MRS. F. C. PETERS. Fine late lavender purple blotch. 5c each.
- MRS. F. C. HORNBERGER. Pure white. 7c each.
- W. H. PHIPPS. Beautiful show pink. 5c each.
- MRS. LEON DOUGLASS. One of the largest and finest Begonia Rose. 5c each.
- MRS. F. PENDLETON. Salmon pink with red blotches. 5c each.
- PFITZER'S TRIUMPH. Flaming salmon orange. 6c each.
- COMMANDER KOEHL. Huge dark scarlet of glowing brilliancy. 10c each.
- LA PALOMA. Finest vivid orange. 5c each.
- PELEGRINA. Pure dark violet blue. 10c each.
- PICARDY. Soft shrimp or apricot pink, probably the most popular glad of the year. 7c each.

1 bulb of each (10 bulbs) \$ .50      5 bulbs of each (50 bulbs) \$2.00  
10 bulbs of each (100 bulbs) \$3.50

1. Mrs. F. C. Peters.
2. Mrs. F. C. Hornberger.
3. W. H. Phipps.
4. Mrs. Leon Douglass.
5. Mrs. F. Pendleton.
6. Pfitzer's Triumph.



PELEGRINA

## FAMOUS RAINBOW MIXTURE

This splendid collection is composed of many of the beautiful standard varieties and offers you a wide and beautiful color range of the most outstanding and popular colors.

35c per doz.      \$2.50 per 100  
\$20.00 per 1000

OTHER GLADIOLUS LISTED ON  
PAGES 49 AND 50









Marigold, Crown of Gold

### NEW COLLARETTE MARIGOLD, CROWN OF GOLD

Gold Medal, All-America Selections, 1937

The best new flower of 1937. So unusual and attractive you will want to be among the first to have it. A new kind of Marigold with a Chrysanthemum-like crown, surrounded by a collar of big, broad petals of the same color, bright golden orange. It is the only Marigold with entirely odorless foliage. The flowers have a delicate fragrance. Plants grow about 2 ft. tall, bloom early, profusely and continuously until frost. Lovely in the garden, wonderful for cutting. **Pkt. 25c.**

### ZINNIA, FANTASY, STAR DUST

Award of Merit, All-America Selections, 1937

To those who definitely do like an informal Zinnia, Star Dust will be welcomed with enthusiasm. It has the same shaggy-petaled, medium-sized flower as the mixture (illustrated below)—a delicate, graceful bloom. The color is a rich deep golden yellow, one of the vibrant shades closely associated with Zinnias, while the very free flowering, 2½ to 3 foot plants are early blooming, coming into flower about 45 to 50 days from the time of planting. **Pkt. 25c.**

Zinnia, Fantasy



Petunia, Flaming Velvet

### PETUNIA, FLAMING VELVET

Gold Medal, All-America Selections, 1936

The only Gold Medal winner in last year's All-America Trials, Petunia Flaming Velvet has caused a sensation because of the uniform excellence of its velvety, rich, blood-red flower. It has not yet been widely grown, but after this year will be classed among the popular Petunia varieties. The plants are semi-compact in habit, about 15 inches in height, absolutely uniform, and the flowers are large and borne in great profusion. **Pkt. 25c.**

### ASTER SUPER GIANT EL MONTE

Special Mention, All-America Selections, 1936

El Monte was awarded the highest rank of all the new Aster seedlings placed in competition in 1935. Deep glowing crimson, composed of abundant quantities of daintily interlaced plume-like petals, the flowers are extremely large and fluffy, borne on heavy non-lateral, basal branched stems. It is very early blooming, and remains in flower over a long period. **Pkt. 25c.**

Aster Super Giant El Monte



Cornflower, Jubilee Gem

### CORNFLOWER, JUBILEE GEM

Award of Merit, All-America Selections, 1937

Jubilee Gem is a dwarf variety of Cornflower making a compact plant literally covered with flowers. The plant is about 12 inches in height. Easy to grow, it is "everyone's" flower and is adaptable for almost any purpose to which a plant may be put. As an edging plant, a border plant, or for ground work in formal beds of roses, etc., it will be found admirable; it is a fine cut flower and, above all, it may be sown outside in the autumn for spring flowering, or in the spring for summer flowering. **Pkt. 25c.**

### MARIGOLD, DWARF ROYAL SCOT, ALDOUBLE

Special Mention, All-America Selections, 1937

Royal Scot is a new achievement in Marigolds, new in color and new in that it is dwarf and double. Its growth is dwarf and bushy, every plant of a uniform shape and height of about 10 to 12 in. Color is a rich mahogany and gold in uniform stripes. It is a splendid plant for borders and blooms for a long period from mid-summer until frost. **Pkt. 25c.**

Marigold, Royal Scot



Marigold, Gigantea Sunset Giant

### MARIGOLD GIGANTEA SUNSET GIANTS

(A new Bodger Marigold)

A flower to be desirable in the home garden must have one or more of three outstanding characteristics: it must be very showy, or fragrant, or of exceptional size. Marigold Sunset Giants has all three. The flowers are the largest ever known in the Marigold group, averaging 5 to 7½ inches. Instead of the usual Marigold odor these flowers have a definitely sweet fragrance. The flowers are loosely formed, very full centered, with broad heavy petals gracefully overlapping to make a flower of great depth. Sunset Giants is a mixture ranging from deep orange through golden orange, deep golden yellow, light yellow, lemon yellow, and a delightful new shade of primrose. **Pkt. 25c.**

### RUST PROOF SNAPDRAGON MAXIMUM MIXTURE

Certificate of Honor, All-America Selections, 1935

Even and compact in habit, of the popular maximum type, the plants are from 20 to 24 inches in height, and bear long spikes of close spaced, extra large florets. It comprises a fine, full color range, including exquisite shades of pink, rose, apricot, bronze, orange, light and deep yellow, scarlet, crimson and white. While not yet 100% resistant, the percentage is well above 75%. **Pkt. 10c.**

Rust Proof Snapdragons, Maximum Mixture



### ALL-AMERICA GARDEN SPECIAL

You can have all eight of these wonderful new novelty annuals in your garden and make it the show place of your neighborhood.

8 large packets

\$1.65

Postpaid



# DAHLIAS

Dahlias are the pride of every garden. Their charming diversity of form and array of exquisitely beautiful colors has justly won for them a world of admirers.

## LEADING POMPON DAHLIAS

These fifteen distinctly outstanding varieties will give you a charming color range in this delightful class. The neatly formed flowers borne on sturdy stems furnish splendid subjects for cutting or exhibition.

1. **Pride.** Deep velvety maroon.
  2. **Bernice.** Old rose and gold.
  3. **Lloyd Hickman.** Old rose.
  4. **Johnny Peppin.** Dark crimson.
  5. **Dee Dee.** Blue lavender.
  6. **Joe Fette.** Best white.
  7. **Bantam.** Bright scarlet.
- Clara Harsh.** Carmine and yellow.  
**Dandy.** Light orange.  
**Iolanthe.** Salmon orange, very fine.  
**Leda Beeler.** Deep violet.  
**Little David.** Perfect burnt orange.  
**Peggy Ann.** Yellow, shaded brownish red.  
**Taka's Purple.** Very small dark cerise.  
**Yellow Gem.** Best canary yellow.

Any of the above Pompon Dahlia roots, 25c each, \$2.50 per doz., postpaid.

**SPECIAL POMPON DOZEN**—Twelve fine tubers, all different, our selection, \$2.00, postpaid.

## DELIGHTFUL DECORATIVE DAHLIAS

Many of these majestic flowers are gigantic in size with broad richly colored petals; a class you will not want to omit.

- Marmion.** Gigantic full flower, golden yellow, tinted bronze. (See illustration.)  
**Monmouth Champion.** Bright orange scarlet flowers of great size. (See illustration).  
**Mrs. Alfred B. Seal.** Very large, pure glowing old rose of one tone.  
**Nathan Hale.** Rich autumn bronze. One of the best cut flowers.  
**Salbach's White.** Full deep white flowers of perfect form.

Any of the above, 50c each, postpaid.

All five for \$2.00, postpaid.



Marmion



Monmouth Champion



# Prize Winning DAHLIAS

Dahlias are of the easiest culture and do well in any good garden soil, but for finest flowers they require a lightly loamy soil with good cultivation. Plant from February 1st to June. Tubers should be placed in the ground with the eye, or sprout, about 5 inches below the surface and at least 3 feet apart. After the buds appear, water freely. In order to obtain the finest largest flowers it is common to disbud, removing the side shoots and lateral buds, leaving a single flower to a stem. Prices on Dahlia roots postpaid to fourth zone.



MINIATURE DAHLIA, BABY ROYAL

## Large Type Dahlias

**ALICE WHITTIER**—(SC) Giant heavy primrose sulphur yellow flowers on stiff erect stems. 50c each.

**BOB PLEUSE**—(SC) Very large deep wine maroon, tipped and marked with white. A very striking dahlia. 50c each.

**CANARY CUP**—(FD) Large brilliant yellow, a wonderful cut flower. 50c each.

**CHAMPOEG**—(FD) Immense blooms of a lovely waxy cream pink, blending to bright salmon pink. Very striking. A prize winner. 50c each.

**CHAS. G. REED**—(FD) Plum with maroon shadings. Very large blooms. Slightly wavy petals. Very beautiful. 50c each.

**ELINOR VANDERVEER**—(FD) Beautiful satiny orchid pink. Long strong stems. 35c each.

**GOLDEN WEST**—(SC) Deep rich yellow overlaid with orange. Fine stems, good cut flower. 35c each.

**IDA PERKINS**—(FD) Beautiful heavy white blossoms with cream center. 50c each.

**JANE COWL**—(ID) Massive blooms of bronzy buff and old gold, blending deeper to a perfect center. 35c each.

**JERSEY BEAUTY**—(FD) An old variety but the best true pink formal decorative. Free bloomer and a splendid cut flower. 35c each.

**MARGARET W. WILSON**—(FD) Large exhibition type. Opalescent pink with creamy white face. 50c each.

**MARMION**—(ID) Gigantic full flower, golden yellow, tinted bronze on fine stems. 50c each.

**MONMOUTH CHAMPION**—(FD) Bright orange scarlet flowers of great size. Free bloomer, vigorous plants. One of the best newer varieties. 50c each.

**MRS. A. B. SEAL**—(FD) Very large flowers of great depth. Old rose of one tone. 50c each.

**MRS. CARL SALBACH**—(FD) Light mauve pink over white. 35c each.

**MRS. ETHEL SMITH**—(SC) Beautiful creamy white. 50c each.

**MRS. WARREN DEE MILLAR**—(FD) Lovely white flowers, lightly shaded with flesh pink. 50c each.

**NANCY ROBINSON**—(ID) Exquisite true pink blooms of dainty, curling petals, held erect on strong slender stems, perfect cut flower. 50c each.

**NATHAN HALE**—(FD) Rich autumn bronze. One of the best cut flowers. 50c each.

**ORIENTAL BEAUTY**—(SC) Clear brilliant rose pink, very tall plants. 75c each.

**ROUGE BOUQUET**—(C) Beautiful blending shades of scarlet and gold, with overtones of violet. \$1.00 each.

**SAGAMORE BEAUTY**—(FD) Beautifully blended shades of pink, cream and rosy peach. Rather short bush loaded with blooms. 50c each.

**SALBACH'S WHITE**—(FD) A full deep white decorative of perfect form. Excellent stems, blooms profusely. 50c each.

**THOMAS EDISON**—(FD) Gorgeous royal purple. The best of this color we have to offer. 50c each.

**TOMMY ATKINS**—(FD) Lustrous flaming scarlet on good stems. 50c each.

## SPECIAL COLLECTION OF LARGE DAHLIAS

Ten Dahlias from this list. OUR SELECTION, \$4.00.

All different and all labeled correctly.

## Miniature Dahlias

The miniatures have small flowers of the same general types found in the large dahlias. They are very lovely, both for massing effects in the garden and as cut flowers for the house.

**BABY ROYAL**—(SC) English miniature, incurved petals of salmon pink and apricot. Long clean stems. 50c each.

**ELIZABETH PAPE**—(C) Rosy salmon pink, lightening to the tips. 35c each.

**FOXHOUND**—(Peony) Deep cream, banded and mottled with brilliant orange. 50c each.

**GARDEN LOVE**—(FD) Carmine rose and gold, dwarf plants massed with blooms. 50c each.

**NORA BELLE**—(Peony) Orange red, yellow base, tinted with blue flame. 50c each.

**PINK PEARL**—(Peony) Rose pink, petals waved and twisted like an aster. 50c each.

**RED SEA**—(ID) Scarlet, rather pointed petals. A profuse bloomer and wonderful cut flower. 35c each.

**RUBIO**—(FD) Small, American Beauty rose. 50c each.

**TINY**—(Peony) Lovely waxy petals of apricot, tinted with gold at center. 50c each.

## MINIATURE COLLECTION

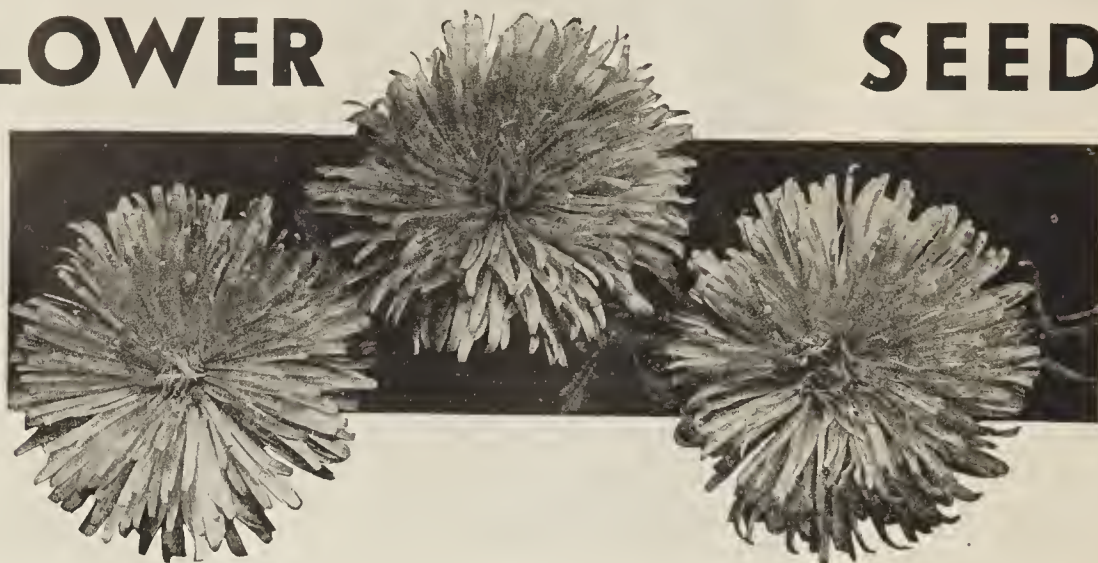
Any five of the above miniatures, \$2.00.

You may select them yourself or we will be glad to make a good collection for you.



# FLOWER

# SEEDS



Really fine flowers can be produced only from the very choicest, true-to-name parent plants. LAGOMARSINO'S FLOWER SEEDS have been selected from the very finest strains available to insure your complete satisfaction for every gardening need.

## ABRONIA . Sand Verbena

**UMBELLATA ROSEA**—A quick growing, half hardy, trailing annual bearing beautiful fragrant Verbena-like clusters of pink flowers. Excellent for growing in baskets, rock-work, doing well on poor soil, and thriving in sunny locations. Pkt. 10c;  $\frac{1}{4}$  oz. 30c;  $\frac{1}{2}$  oz. 50c.

## ABUTILON . Flowering Maple

**HYBRIDUM MIXED**—This half hardy perennial grows 3 to 4 feet high, bearing beautiful bell-shaped flowers in shades of white, yellow, rose, orange, and crimson. The Map'e-like leaves are very ornamental and are often beautifully variegated. Pkt. 15c;  $\frac{1}{16}$  oz. \$1.00.

## ACONITUM . Monkshood

**NAPELLUS BLUE**—A 3 to 5 foot hardy perennial producing bold spikes of blue hood-shaped flowers. Seeds are slow in germinating. Plants are well adapted for planting among shrubbery, in borders, or in shady corners. Pkt. 15c.

## ACHILLEA . Milfoil, or Yarrow

**PTARMICA "THE PEARL"**—One of the best white hardy perennials; bears a profusion of small, double, white flowers during the entire season. Easily grown from seed; fine for cutting and cemetery decoration. Useful for borders, wild gardens or shrubbery. Height 2 to  $2\frac{1}{2}$  feet. Pkt. 15c.

**KELWAYI ROSEA**—Splendid carmine rose, 2 feet. Pkt. 10c.

## ACROCLINIUM . Everlasting

These double-daisy-like flowers are about 1 inch in diameter, and are borne singly on 15 inch stems. If cut when in the bud, they may be dried and used in winter bouquets. Their dainty white and rosy-pink flowers are very attractive when grown in a mixed border or bed.

**SINGLE**—Rose, White, Mixed. Pkt. 10c;  $\frac{1}{2}$  oz. 25c.

**DOUBLE**—Rose, White, Mixed. Pkt. 10c;  $\frac{1}{2}$  oz. 30c.

## ADONIS

**AESTIVALIS (Floss Adonis)**—This pleasing hardy annual, with feathery dark green foliage, grows about one foot high and produces dainty little cup-shaped flowers of deep crimson with dark centers. Pkt. 10c.

## AFRICAN DAISY . See Dimorphotheca

## AGERATUM . Floss Flower

Excellent dwarf hardy annual, fine for bedding, giving a mass of bloom all summer long. Grows easily from seed. Sow early in boxes, then transplant in rows four to six inches apart.

**BLUE CAP**—Surpassing all others in dwarfness and compactness of habit. These plants also have the largest and richest deep blue flowers. Pkt. 15c;  $\frac{1}{8}$  oz. 50c.

**BLUE BALL**—Compact round plants 6 to 8 inches tall, bearing many small fuzzy deep blue flowers in great profusion. Pkt. 10c;  $\frac{1}{4}$  oz. 50c.

**BLUE PERFECTION**—Semi-dwarf medium blue large flowers. Pkt. 10c.

**IMPERIAL DWARF WHITE**—Compact, 8-10 inches tall, with lovely white flowers. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

**MIXED**—Various types and shades of blue and white. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.



*Ageratum Dwarf Compactum Blue Cap*



## AGROSTEMMA

These showy border plants grow 18 inches tall, and are very hardy. The blossoms are shaped similar to single plnks, and serve well as cut flowers with their downy silvery-gray foliage.

**CORONARIA ATROSANGUINEA** — Dark blood red. Pkt. 10c; ¼ oz. 25c.



*Sweet Alyssum*

## ALYSSUM

A popular favorite, this free blooming annual grows quickly, beginning to bloom early in the spring, continuing for a long time. Excellent for beds, edgings, pots, or boxes. These sweet scented flowers are indispensable for your garden, requiring a minimum of care and attention.

**MARITIMUM**—Sweet honey fragrance, velvety flowers, height 10 inches. Pkt. 10c; ½ oz. 20c.

**COMPACTUM ERECTUM LITTLE GEM**—Compact and upright habit, 4 inches high, having a mass of neat pure white flowers. Pkt. 10c; ¼ oz. 20c.

**COMPACTUM LILAC QUEEN**—Improved deep lilac. 6 inches. Pkt. 10c.

**PROCUMBENS, CARPET OF SNOW**—Dwarf spreading habit, hardly 4 inches high, but spreading considerably, adhering close to soil, forming neat compact mass of lovely white flowers. Pkt. 10c; ¼ oz. 50c.

**SEXATILE COMPACTUM (Gold Dust)**—Golden yellow perennial. Height 12 inches. Pkt. 10c; ¼ oz. 40c.

## AMARANTHUS

These hardy annuals are grown for their brilliant foliage and curious racemes of flowers. All are useful in borders of tall plants or for background purposes, doing well in sunny positions and in ordinary soil. Give ample spacing in order to display their full beauty.

**CLAUDATUS (Love Lies Bleeding)**—These robust plants grow 3 to 4 feet high, producing parrot green foliage with drooping blood red flower racemes. Pkt. 10c.

**MOLTEN FIRE**—The top leaves are a fiery crimson, and the lower ones deep maroon, reminding one of a Polnsettia. Pkt. 15c.

**SUNRISE**—Foliage is bronzy crimson, each branch being terminated with a tuft of scarlet-carmine leaves. Pkt. 10c.

**TRICOLOR SPLENDENS (Joseph's Coat)**—A striking plant growing 3 to 4 feet tall, having leaf whorls of brilliant scarlet, green, and golden yellow colored leaves. Pkt. 10c.

## AMPELOPSIS

**VEITCHI (Boston Ivy)**—Hardy perennial climber with olive green leaves, which turn scarlet in the fall. The best and most popular climber for covering brick or stone walls. Pkt. 10c; oz. 50c.

## ANCHUSA

Often spoken of as Summer Forget-Me-Not. Both the annual and perennial plants produce graceful sprays with clusters of attractive flowers resembling the Forget-Me-Not in both form and color. The foliage and stems are hirsute, furnishing an attractive grayish-green background for the bright flowers which bloom from early spring through to late fall.

**BLUE BIRD**—Rich deep indigo blue. Compact, growing 20 to 24 inches high. Received special mention at the All America Selections in 1935. Pkt. 10c; ¼ oz. 25c.

**CAPENSIS** — Beautiful, large, clear blue flowers. Height 2 feet. Pkt. 10c; ¼ oz. 20c.

**ITALICA, Dropmore Variety**—Hardy perennial, 4 feet, with an abundance of sparkling gentian-blue flowers. Thrives best in partial shade. Pkt. 10c; ¼ oz. 40c.

## ANEMONE . Windflower

This attractive perennial produces large delicate cup-shaped flowers with velvet tufted centers borne on strong stems. Excellent for cutting and bedding display.

**ST. BRIGID**—Choice semi-double mixed flowers in a wonderful array of striking colors. Pkt. 15c; ⅛ oz. 50c.

**CAEN HYBRIDS**—These giant French single flowers appear in shades of blue, red and white. Pkt. 10c; ¼ oz. 40c.

## RUSTPROOF ANTIRRHINUM

### Snapdragon

(See back cover illustration.)

Since rust proof varieties have been developed these popular garden flowers are fast winning back their high favor. Seed may well be sown in both the spring and fall. Plants bloom the first season from seed, and unless killed by frost will live through the winters and produce one or more years harvest of gorgeous blossoms. Those listed here are all splendid garden varieties.

**MAXIMUM GRANDIFLORUM**—These super giants grow 2½ to 3 feet tall bearing heavy spikes of many large individual flowers.

**Belle of California**—Tall vigorous strain producing delicate pink flowers with white throats. Pkt. 10c.

**California Supreme**—An excellent vigorous plant with canary yellow blossoms, having a deep yellow lip. Pkt. 10c.

**Hybrid Bronze Shades**—Many novel and interesting shades of bronze are found in this delightful strain. Pkt. 10c.

**Crimson**—Splendid large crimson flowers are borne on heavy spikes and are beautifully contrasted by the plum colored stems and rich dark green foliage. Pkt. 10c.

**Maximum Mixture**—Splendid blend of art shades together with many of the choice deeper colors. (Illustrated on page 53.) Pkt. 10c.



## Antirrhinum (Continued)

**MAJUS GRANDIFLORUM**—These plants grow 2 to 2½ feet tall, and bear fine flowers high in quality and of good size.

**Franklin D. Roosevelt**—Robust growth producing long spikes of attractive rich rose pink blooms. (Very similar in quality and color to Cheviot Maid Supreme.) Acclaimed by experts as one of the most outstanding of all Rust Proof Snapdragon varieties. Pkt. 10c.

**Sierra Snow**—One of the choicest of the rust proof strains, with huge white majestic blooms. Pkt. 10c.

**General Sutter**—A very floriferous strain bearing bright canary yellow flowers. Pkt. 10c.

**Sunset**—Many tall spikes of outstanding deep yellow flowers are produced. Pkt. 10c.

**SPECIAL COLLECTION; Any 6 Pkts. 50c**

**ANTIRRHINUM ROCK HYBRIDS**—This English introduction forms small compact bushes with variously colored flowers, in shades of rose, pink, purple, mauve and bicolors, produced in great profusion. Blooms earlier than the average snapdragon and especially suited for rock and alpine gardens. Mixed shades. Pkt. 20c; 1/16 oz. 50c; 1/8 oz. 85c.



*Antirrhinum, Franklin D. Roosevelt*



*Aquilegia, Mrs. Scott Elliott Strain*

## AQUILEGIA . Columbine

Columbines are among the most beautiful and popular of all hardy perennial plants, and are easily grown from seed. They make attractive shrubbery outdoors, and are a prize cut flower, making a very dainty and pleasing decoration.

**LONG SPURRED VARIETIES**—This is the favorite among the Columbines, because of the grace and beauty of the long, stately spurs of satisfying colors.

**Blue Shades.**

**Pink and Rose Shades.**

**Copper Queen.**

**Crimson Star.**

**Orange and Scarlet Shades.**

**Silver Queen**—Fragrant white.

**Dobbie's Imperial Hybrids**—An outstanding strain of fine form, rich in shades and tints seldom seen.

**Mrs. Scott Elliott's Strain**—A remarkable long spurred strain in harmonizing shades.

**Price**—Any of the above 25c pkt.; 5 pkts. \$1.00.

**Single Flowering.** Choice mixed. Pkt. 10c.

**Double Flowering.** Choice mixed. Pkt. 10c.

## ASPARAGUS

These ornamental varieties of asparagus are popularly used for soft backgrounds for bouquets, floral baskets, sprays, being indispensable to the florist. Being slow to germinate, seed should be soaked in warm water before planting.

**PLUMOSUS NANUS (Lace Fern)**—Produces fine bright green sprays. Grows well in shady places. Height 3 feet. Pkt. 10c; 100 seed 35c.

**PLUMOSUS ROBUSTA**—This is the climbing form of Lace Fern. Pkt. 15c; 100 seed 50c.

**SPRENGERI (Emerald Feather)**—A plant of graceful drooping foliage, branches excellent for hanging baskets. Pkt. 10c; 100 seed 30c.



## ARCTOTIS . African Lilac Daisy or African Blue Eyed Daisy

This new beautiful sun loving annual from South Africa forms much branched bushes 2 to 3 feet high.

**GRANDIS**—The flowers are large and daisy-like, having pure white petals with delicate lilac backs, and radiate from a contrasting blue central disc surrounded by white stamens and a narrow golden band. It grows quickly from seed, blooming all summer long. Valuable for cut flowers, lasting 7 to 10 days. Pkt. 10c; ¼ oz. 25c.

**HYBRIDS MIXED** — An outstanding, showy strain of large flowers in beautiful red, rose, orange and intermediate shades, 8 to 10 inches high. Pkt. 20c; 1/16 oz. 50c.

## ARGEMONE . Mexican or Prickly Poppy

**GRANDIFLORA HYBRIDA DOUBLE MIXED** —A superb summer blooming annual with holly-like leaves and handsome poppy-like blossoms of satiny texture, 2½ to 3 inches across, in shades ranging from white, then cream to rich golden yellow. Sow seed where plants are to remain, preferably in a sunny location in order to have blooms all summer long. Pkt. 10c; ¼ oz. 25c.

## ARMERIA . Thrift or Sea Pink

**FORMOSA** — A very pretty, hardy perennial edging plant, bearing rosy-pink flowers. Nine inches. Pkt. 10c.

## ARABIS . Rock Cress

**ALPINA**—A hardy perennial and one of the earliest and prettiest spring flowers. The spreading tufts are covered with a sheet of pure white flowers. An excellent plant for rockeries and edging; 6 to 9 inches. Pkt. 10c; ¼ oz. 30c.



*Aster Crego Wilt Resistant*



*Arctotis Grandis—African Lilac Daisy*

## ARISTOLOCHIA . Dutchman's Pipe

An excellent perennial climbing vine. Large and showy foliage; affords dense shade. Flowers shape of Dutchman's pipe, hence its name. 30 feet. Pkt. 10c.

## ASTERS

Asters are among the most popular summer and fall flowering annuals. They come in a great variety of classes and an endless number of shades. They are profuse bloomers and the flowers adapt themselves to table and house decorations. Seed may be sown in boxes early in the spring, protecting them from frost and then transplanting them to their permanent bed; or they can be sown where they are to remain after the danger of frost is over and when the soil is warm. Good culture is essential in order to obtain an abundance of fine flowers.

### ASTER WILT RESISTANT STRAINS

The Aster Wilt disease is caused by a parasitic fungus which is carried on the seed, tools, and in the soil, and once it is introduced in the soil it persists indefinitely. Consequently the only way to grow Asters more than one year in the same soil is to use resistant stocks.

**IMPROVED CREGO WILT RESISTANT**—The flowers are extremely large and double, often 4 to 5 inches across, and composed of long graceful fluffy curled petals. Robust and branching, about 2½ feet tall, these plants bloom early and are popular for cut flowers and bedding plants.

Crimson	Peach Blossom	Royal Purple
Deep Rose	Shell Pink	White
Pkt. 10c; 7 pkts. 55c; ¼ oz. 65c.	Azure Blue	
Finest Mixed—Pkt. 10c; ¼ oz. 60c.		



## Asters (Continued)



*Aster Wilt Resistant Aurora Golden Sheaf*

**AURORA**—This splendid free flowering Aster has large flowers with high crested centers of fully quilled florets. The outer band of petals are broad, thus setting off the flower in a beautiful fashion. Height 2 feet. Fine for cutting.

**Rose**—Bright rose, yellow center.

**Salmon Queen**—Pale salmon, yellow center.

**Golden Sheaf (Wilt Resistant)**—Beautiful golden yellow, the deepest yellow Aster yet offered.

**Blue**—Light blue, yellow center.

Pkt. 20c; 4 pkts. 65c.



*Aster Super Giant Los Angeles*

**IMPROVED GIANTS OF CALIFORNIA, Curled and Interlaced**—The flowers are large and full with broad, graceful petals borne on long heavy non-lateral stems. Plants reach a height of 3 feet, and bloom from mid-summer until frost. Excellent for florists and home gardeners but as yet are not all Wilt Resistant.

Deep Rose	Light Purple
Peach Blossom	Dark Purple (Wilt Resist.)
Light Blue	White

Pkt. 15c; 6 pkts. 75c; 1/8 oz. 50c.

Finest Mixed—Pkt. 15c; 1/8 oz. 45c.

**TALL OSTRICH FEATHER IMPROVED WILT RESISTANT**—These extremely graceful, full, fluffy flowers are among the finest of the Comet or Ostrich Feather class. Plants are about 2 feet tall, branching, and strong growing.

Finest Mixed—Pkt. 10c; 1/4 oz. 40c.

**EARLY BEAUTY WILT RESISTANT**—The plants are from 2½ to 3 feet tall, with long, stout stems, bearing large, well-formed compact, densely double flowers, that come into bloom in early July and August, and are excellent keepers.

Crimson	Azure Fairy
Deep Rose	Purple
White	Black Prince

September Beauty—Delicate shell pink.

Pkt. 15c; 7 pkts. 85c; 1/8 oz. 45c.

Finest Mixed—Pkt. 15c; 1/8 oz. 40c.

**AMERICAN BEAUTY WILT RESISTANT**—Growing from 2½ to 3 feet tall, the robust plants bear fully double, compact flowers on long sturdy stems. They bloom from late August until frost.

Crimson	Azure Fairy
Deep Rose	Purple
September Beauty	Mixed

Pkt. 15c; 5 pkts. 60c; 1/8 oz. 45c.

**AMERICAN BRANCHING (Vick's Branching) Wilt Resistant**—These vigorous, bushy plants grow 2½ to 3 feet tall, bearing an abundance of large, fully double flowers on long stems. A great favorite for late cutting.

Crimson	Azure Blue
Rose	Blackish Blue
Shell Pink (Mary Semple)	White

Pkt. 10c; 6 pkts. 50c.

Finest Mixed—Pkt. 10c; 1/4 oz. 65c.

**KING OR NEEDLE TYPE WILT RESISTANT**—The large rounded heads are composed of narrow tubular or quilled petals. Long sturdy stems are quite erect. This variety blooms a little in advance of the late kinds.

Crimson	Lavender
Rose (partially resistant)	White
Peach Blossom	Finest Mixed

Pkt. 10c; 5 pkts. 40c; 1/4 oz. 65c.

**HEART OF FRANCE WILT RESISTANT**—This is the largest and most beautiful of the dark red sorts. Rich ruby red blooms are carried on long strong stems. The plants are nicely branched and form a well rounded bush 2 feet in height. Pkt. 15c; 1/8 oz. 40c.

**IMPROVED NEW GIANT CALIFORNIA SUNSHINE**—This fascinating new Aster has flowers 4-5 inches across, composed of a single row of long, narrow, loosely placed outer petals which contrast the unique yellow quill-like tubular florets which make up the cushion-like center. The stems are long and heavy on plants 2 to 3 feet in height.

Rose	Blue
Enchantress Pink—Salmon pink.	Purple
White	Finest Mixed

Pkt. 15c; 5 pkts. 65c; 1/8 oz. 65c.



**Asters (Continued)**

**IMBRICATED POMPON**—This very popular flower is produced in great abundance as many as 20 flowers to the plants, which are 16 inches tall. The petals are short and compactly imbricated, forming very neat attractive pompon flowers.

Scarlet                      White                      Mixed  
Rose                        Light Blue

Pkt. 15c; 5 pkts. 65c; 1/8 oz. 65c.

**LILLIPUT**—A small flowered, intensely double, compact quilled petaled center, neat and symmetrical form, about two weeks later than the Imbricated Pompon. It grows 18 inches high, and has an ideal range of colors. Pkt. 15c; 1/8 oz. 40c.

**GIANT COMET WILT RESISTANT (Salmon Queen)**—A new clear, pure salmon pink blending to a rich golden salmon at the center. Flowers are large, well formed, and of the feathery comet type on long stemmed, early flowering, upright, wilt resistant plants. Pkt. 15c; 1/4 oz. 65c.

**SUPER GIANT**—This is the largest and most fully double Aster class known. The flowers are from 6 to 8 inches across, beautifully petaled with graceful interlacing petals. The plants are strong and sturdy growers about 2 feet tall, and having 6-8 long, non-lateral stems per plant. These early blooming plants are highly desirable garden subjects.

**El Monte**—Sensational new crimson. Pkt. 25c.

**Los Angeles**—Delicate shell pink. Pkt. 20c.

**ASTERMUM WILT RESISTANT MIXED**—These very large flowers of Chrysanthemum-like appearance are borne on plants 1 1/2 to 2 feet tall which are upright and branching in habit. They bloom very early. Pkt. 10c; 1/4 oz. 50c.

**SINGLE CHINENSIS (Tall Single Giant Flowered)**—These Asters grow 2 to 2 1/2 feet tall. The flowers are daisy-like with wide petals which are placed closely in a beautiful fashion. Very effective in bedding or border work with their pleasing color display. Finest mixed. Pkt. 10c; 1/4 oz. 25c.

**PERENNIAL ASTER — MICHAELMAS DAISY**—

This is a splendid mixture of the newest varieties, shades, and colors in hardy herbaceous Asters. They will bloom the first year if sown early, forming bushy clumps 2 to 3 feet high, covered with large single flowers in rich shades. Mixed, pkt. 10c.



*Aster American Beauty*

**AUSTRALIAN PEA VINE**

See *Dolichos Lignosus*

**BABY BLUE EYES** . See *Nemophila*

**BABY'S BREATH** . See *Gypsophila*

**BABY PRIMROSE**

See *Primula Malacoides*

**BACHELOR BUTTON**

See *Centaurea Cyanus*

**BALLOON VINE . Love-in-a-Puff**

A rapid-growing annual climbing vine, delicate clusters of white blossoms and a number of large, round inflated seed-buds resembling miniature balloons. Pkt. 10c.

**BALSAM . Lady Slipper**

**DOUBLE CAMELIA FLOWERED MIXED**—A favorite, tender annual producing gorgeous masses of brilliantly colored wax-like double flowers. Balsams like a sunny location, rich soil, and plenty of water, and for best development plants should be spaced 1 to 1 1/2 feet apart. Pkt. 10c; 1/4 oz. 25c.

**BARTONIA . Blazing Star**

**AUREA**—This handsome native California plant reaches a height of 2 to 3 feet and bears beautiful, single, golden yellow cup-shaped flowers, having filamentous stamens. Flowers open only in the afternoons. The grey thistle-like foliage glistens in the sunlight. Pkt. 10c; 1/4 oz. 25c.

**BEGONIAS . Wax Flower**

**EVER-BLOOMING BEDDING VARIETIES**—These are sturdy plants, around 1 foot high, which form a dense bush of glossy green wax-like leaves. The plants are completely covered with their small wax-like decorative blossoms. The seed is microscopically small and should be sown on the surface of a shallow seed pan. The seed germinate readily and should be pricked off when very small and transplanted to protect them from damping off. Begonias do well as pot plants, and excel in beds and borders, particularly in partial shady locations where their green foliage and open flowers are always attractive.

**Christmas Cheer**—Beautiful cherry red blossoms attain a diameter of 2 inches. Pkt. 25c.

**Erfordia**—Bright rosy carmine with very dark green foliage. Pkt. 25c.

**Luminosa**—Brilliant fiery dark scarlet with reddish dark green leaves. Pkt. 25c.

**Prima Donna**—Large flowering clear pink shading to carmine rose. A lovely winter flowering variety. Pkt. 25c.

**Vernon**—Bright orange-carmine flowers with extremely reddish-green leaves. Pkt. 15c.

**Semperflorens Hybrida Finest Mixed**—This is a delightful mixture containing all colors from white to deepest crimson. Pkt. 15c.

**BROWALLIA . Amethyst**

**ELATA CHOICE MIXED**—A favorite free blooming annual covered with rich, beautiful winged flowers during summer and autumn months. They grow freely in rich soil, are fine for borders and beds. Pkt. 10c; 1/4 oz. 30c.



## BELLIS . English Daisy

These favorite low perennial plants thrive in cool and shady locations. Seed can be sown in the fall and early spring, but do best when sown in the fall.

**PERENNIS FLORA PLENA (Double Daisy)**—These are appealing in their richness of color, and attractive dwarf doubleness.

**Snowball**—Pure white.

**Longfellow**—Rich dark pink.

**Double Choice Mixed.** Price: Pkt. 10c;  $\frac{1}{8}$  oz. 30c.

**MONSTROSA GIGANTEA (Improved Giant Double)**—These are a decided improvement of the regular Daisy, in that the flowers and plants are much larger and extremely double. The colors are just as true and pleasing, and the larger flowers add an increased richness to the garden.

**White, Pink, Red.**

**Tubulosa Etna** — Beautiful quilled or tubular red petals.

**Mammoth Finest Double Mixed.**

Price: Pkt. 15c;  $\frac{1}{8}$  oz. 50c.



*Brachycome*

## BRACHYCOME . Swan River Daisy

**MIXED.** Free flowering dwarf growing annuals, covered the greater part of the summer with a profusion of dainty flowers in shades from blue to rosy lilac, and white. Pkt. 10c;  $\frac{1}{4}$  oz. 40c.

## CACALIA . Tassel Flower

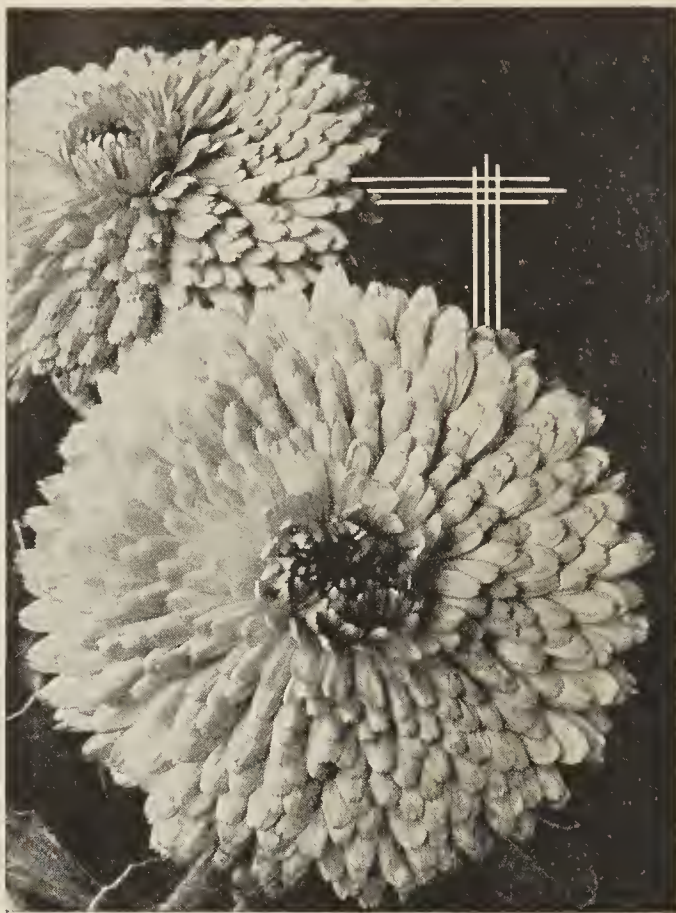
**SCARLET AND ORANGE MIXED**—Each flower is a miniature paint brush of orange scarlet produced on long wiry stems. This annual is easy to grow, excellent for cutting, and lends a splash of color in borders and beds. Pkt. 10c.

## CALENDULA

This showy, free flowering annual is a favorite of long standing. It produces a fine effect in beds, or borders, and is of great merit for forcing by florists for winter use. It does well in most climates, and will give continuous blooms all summer if seed pods are kept off. The brilliant flowers are particularly valuable in late fall. The plants are very bushy and dense with green leaves and bear large disk-like double flowers.

**SUNSHINE (Improved Chrysantha)**—This distinct new type has large, double golden yellow flowers with long, loosely arranged petals which droop somewhat to give the rounded appearance of a Chrysanthemum. The long, strong stems make it highly suitable for cutting. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.

**ORANGE SHAGGY**—This new lacinated petaled deep orange Calendula is exceedingly graceful and infor-



*Calendula, Campfire*

mal in appearance, and presents a striking contrast to the formal Calendulas in general use. Excellent for the garden and for cutting. Pkt. 15c;  $\frac{1}{4}$  oz. 40c.

**RADIO**—A unique type of flower, hemispherical in shape with large petals beautifully quilled. Glowing rich orange in color. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.

**BALL'S MASTERPIECE**—Extra long stemmed, deep orange with brown center. Pkt. 15c.

**BALL'S LONG ORANGE**—Rich orange, light center, long sturdy stems of exceptional length. Pkt. 15c.

**BALL'S SUPREME** — Medium orange, dark center. Very attractive. Pkt. 15c;  $\frac{1}{4}$  oz. 40c.

**BALL'S GOLD**—Rich golden yellow. Fine stem. Pkt. 15c;  $\frac{1}{4}$  oz. 40c.

**BALL'S LEMON QUEEN**—A beautiful lemon yellow with light center. Pkt. 15c;  $\frac{1}{4}$  oz. 40c.

**CAMPFIRE or SENSATION**—An outstanding large, double, flat flower. Brilliant orange petals with scarlet sheen and full golden yellow center. Pkt. 15c;  $\frac{1}{4}$  oz. 40c.

**ORANGE KING** — An extra fine strain of splendid double rich orange red variety, producing flowers over three inches in diameter. Pkt. 10c;  $\frac{1}{2}$  oz. 25c.

**LEMON QUEEN**—Excellent large, double rich lemon yellow flowers. Type same as Orange King. Pkt. 10c;  $\frac{1}{2}$  oz. 25c.

**MIXED, ALL COLORS**—A splendid mixture of all different shades. Pkt. 10c;  $\frac{1}{2}$  oz. 20c.

**PASTEL BEDDING MIXTURE**—Designed especially for the home garden, this mixture contains a beautifully balanced assortment of pastel shades in the dwarf types. Many new shades of apricot, cream, and white are included, as well as the better known orange and yellow shades. Although especially adapted for border use, the stems are long enough to use the flowers for cutting. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.



## CAMPANULA . Canterbury Bells

This beautiful class of plants is one of the most outstanding, including some of the very old-fashioned favorites and some of the very latest popular novelties. Some are tall and stately, well suited for background work; and others dwarf and dainty, gracefully fitting into some nook or crevice in a rock garden. Perennials, biennials and annuals are representative of this great family in the restful pastel shades of white, blue and delicate rose. The plants all prefer a medium rich soil, and do well in sunny and half shady locations.

**ANNUAL CANTERBURY BELLS**—This class is the newest addition to the Campanula family, plants coming into bloom six months from seed. The plants grow from 2 to 2½ feet tall, each having from 6 to 8 spikes of bell-shaped flowers.

**Wedding Bell**—The latest addition to this class of free flowering and early blooming annual Canterbury Bells. It makes a compact, base branching plant with a large center spike symmetrically surrounded by 8 to 10 slightly smaller spikes, all of which are well filled with beautiful waxy pure white single flowers. Pkt. 15c.

**Angelus Bell**—Beautiful art shades of deep rose. Pkt. 15c; ⅛ oz. 35c.

**Blue Bell**—Fine trusses of extra large Cambridge blue flowers. A new addition. Pkt. 15c; ⅛ oz. 35c.

**Liberty Bell**—Six to eight spikes of intense violet blue flowers. Pkt. 15c; ⅛ oz. 35c.

**Mission Bell**—A new color in Annual Canterbury Bells. Gorgeous soft clear pink flowers on fine large spikes make it most attractive. Pkt. 15c; ⅛ oz. 35c.

**Choice Mixed**—Contains dark and light blue, pink, rose and white in ideal proportions. Pkt. 15c; ⅛ oz. 35c.

**SPECIAL "BELL" COLLECTION**—1 pkt. each color, value 75c for 60c.

**CAMPANULA MEDIUM CALYCANTHEMA (Cup and Saucer Canterbury Bells)**—These biennials are unquestionably the finest type of this old-fashioned flower. They differ from the ordinary type in having an extra large calyx which is the same color as the flower, giving the appearance of a cup and saucer.

Dark Blue, Light Blue, Rose, White. Pkt. 15c; 4 pkts. 50c; ¼ oz. 75c.

Mixed—Pkt. 10c; ¼ oz. 60c.

**CAMPANULA MEDIUM CANTERBURY BELLS**—This old-fashioned flower is a favorite with all. Stately, large, bell-shaped blossoms are borne in great profusion on this hardy biennial which reaches a height of 2 to 2½ feet.

**Single Varieties**—Dark Blue, Light Blue, Pink, White. Pkt. 10c; 4 pkts. 35c; ¼ oz. 35c.

**Double Choice Mixed**—Contains all the double flowering medium varieties. Pkt. 10c; ¼ oz. 50c.

**CAMPANULA BELLFLOWER**—The following are some of the outstanding hardy perennials of the Campanula family, being excellent border or ideal rock garden subjects.

**Carpatia Harebell**—Borne on graceful slender stems, these dainty blue shallow bell-shaped flowers are found in bloom throughout the entire summer. Reaching only 8 to 10 inches high, these plants are excellent for rock gardens and low borders. Pkt. 10c; ¼ oz. 50c.

**Pyramidalis (Chimney Bellflower)**—Reaching nearly five feet, this stately plant produces long spikes packed with starry bell-shaped blue flowers. They make excellent pot flowers as well as garden subjects. Pkt. 10c; ¼ oz. 50c.



*Campanula Annual—Canterbury Bells*

**Persicifolia grandiflora, Blue (Peach Bells)**—This handsome border plant reaches 3 feet in height, with its long spikes profusely adorned with rich blue bells. Pkt. 15c; ⅛ oz. 60c.

## CACTUS

**FINEST MIXED**—This collection contains a wonderful range of good varieties, including rare sorts which are easy to grow. Here is an excellent opportunity to observe some of nature's interesting oddities. Pkt. 25c.

## CALCEOLARIA . Pouchflower

**HYBRIDS GRANDIFLORA MIXED**—These very ornamental plants with fantastic pouch flowers are beautifully varied in their coloring and marking. The background which is usually of a light yellow shade may be curiously spashed or spotted with rich maroon or brown, giving a tigered or spotted effect. This beautiful strain is generally used for pot plants, and indoor work, except when ample outdoor protection is given. Pkt. 50c.

## CALIFORNIA POPPY

See Eschscholtzia

## CALLIOPSIS . Tickseed

Showy and free flowering annuals of the easiest culture, doing well in any sunny location. The plants are graceful, with finely cut foliage, and a wealth of brilliant flowers produced in shades from golden yellow to maroon.

**BICOLOR**—Tall semi-double mixed. Pkt. 10c; ¼ oz. 25c.

**BICOLOR**—Dwarf annual mixed. Pkt. 10c; ¼ oz. 25c.





*Candytuft, Giant Hyacinth-Flowered*

## CARNATIONS

Few flowers enjoy greater popularity for beauty of form and richness of delicious fragrance and color as does this spicy fragrant, handsomely doubled, waxy petaled perennial flower. The stiff but slender blue-green stems lend added dignity to this flower.

**CHABAUD'S IMPROVED GIANT DOUBLE**—These robust erect plants, 15 to 18 inches, come into bloom five months after sowing the seed, and continue to supply a great abundance of beautiful, large, double, flowers with handsomely serrated petal edges.

**Cardinal Red (Sparkler)**—An outstanding brilliant scarlet.

**Deep Rose**—Lovely deep rich rose.

**Rose Pink (The Pearl)**—Delightful light rosy pink.

**Flesh Pink**—Delicate flesh pink.

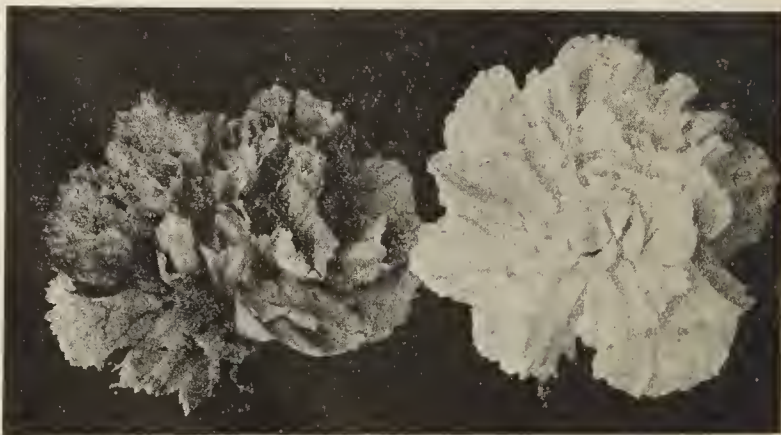
**Yellow (Marie Chabaud)**—Outstanding yellow.

**White (Jeanne Dionis)**—Very lovely.

Pkt. 15c; 6 pkts. 75c.

**Finest Mixed**—A well balanced strain of all the desirable colors. Pkt. 10c;  $\frac{1}{4}$  oz. 60c.

**CHABAUD'S ENFANT DE NICE**—This excellent type produces fewer but slightly larger flowers with longer stems, and is a little more spreading in habit than the Chabaud Giants. Early in blooming, robust in growth, this variety is indeed splendid. Pkt. 15c;  $\frac{1}{8}$  oz. 60c.



*Carnation, Giant Double Chabaud*

## CANARY-BIRD VINE *Tropaeolum Canariense*

This rapid growing annual climber has beautifully cut leaves with delicate flowers of a clear canary yellow. From the color of its blossoms, and the resemblance of their shape to a bird, with expanded wings, this plant obtained its fitting common name. Pkt. 10c;  $\frac{1}{2}$  oz. 25c; oz. 40c.

## CANDYTUFT

The annual Candytufts are of fine habit and profuse bloomers. They are easily grown and bloom quickly from seed. For a succession of bloom they should be sown at intervals. For massing in flower beds and borders and for edging they are admirably adapted, while for cutting the flowers are greatly prized. Height 5 to 15 inches.

**CARMINE**—Bright carmine rose.

**CRIMSON**—Rich deep shade.

**ALBIDA**—Pure white.

**FLESH-PINK**—Delicate pink.

**LAVENDER**—Delicate rosy-lavender.

**ROSE CARDINAL**—Brilliant deep rosy-red, one of the most effective for bedding.

Pkts. 10c each. Collection, 6 pkts. 50c.

**FINEST MIXED**—All colors mixed. Pkt. 10c;  $\frac{1}{2}$  oz. 20c; oz. 35c.

**GIANT HYACINTH - FLOWERED** or **IMPROVED EMPRESS**—A wonderfully improved strain of the Empress Candytuft and quite distinct, bearing very large, bold spikes of snowy white flowers, very effective plant for beds or borders; fine for cutting. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; 1 oz. 75c.

**PERENNIAL CANDYTUFT**—See Iberis, page 76.

## CANNA

Enormous brilliant clusters of bloom borne on spikes above broad green or bronze leaves. They are usually planted from roots, but can be successfully grown from seed. Soak the seeds in warm water until they show evidence of swelling, then sow in light soil.

**GIANT FLOWERING**—Mixed. Pkt. 10c; oz. 40c.

## CARDINAL CLIMBER

This attractive, rapid growing, climbing annual with its beautiful fern-like foliage is literally covered with a blaze of fiery cardinal red flowers. These tubular flowers expand into star-shaped rims about one inch in diameter, and are borne in clusters of 5 to 7. It succeeds best in rich soil and in a sunny location. Blooms from summer till frost. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.



## CELOSIA

This novel free flowering hardy annual class has colored foliage and fascinating shaped heads of innumerable small flowers brilliantly colored. Very popular and of easy culture.

**IMPROVED DWARF CHRISTATA (Cockscomb)**—The crinkly, corrugated and laciniated flower clusters are produced in great profusion, forming a large ornamental head. These plants, of from 10-12 inches in height make excellent pot specimens and are also ideal for border and bedding work.

**Empress**—Rich, bright crimson combs of great size; dark green foliage.

**President Thiers or Glasgow Prize**—Immense showy dark crimson combs, bright green leaves.

**Aurea**—Rich golden yellow comb.

Pkt. 10c; 3 pkts. 25c;  $\frac{1}{8}$  oz. 50c.

**Imp. Dwarf Mixed**—Pkt. 10c;  $\frac{1}{8}$  oz. 35c;  $\frac{1}{4}$  oz. 50c.

**PLUMOSA IMPROVED FEATHERED TYPE**—These stately plants are considered among the most ornamental and make a splendid showing in the garden. The flower clusters are graceful, plumes arranged in pyramidal formation.

**LILLIPUT**—This new class of exceptionally dwarf plume type plants, 12 inches high, are compact and branched, forming 15 to 20 branches of even length, each terminated by brilliant feathery plumes. These plants make wonderful pot specimens, and are excellent for borders or beds.

**Golden Yellow.**

**Firebrand**—Glowing scarlet.

Pkt. 15c each.

**Mixed.**

**PRIDE OF CASTLE GOULD**—Growing  $2\frac{1}{2}$  to 3 feet high, this is a remarkable strain of giant plumes in many delightful shades. Pkt. 10c.

**PLUMOSA IMPROVED REGULAR STRAIN**—These are tall feathery plumed plants growing 2 to  $2\frac{1}{2}$  feet tall. They serve well when cut and dried for winter bouquets.

**Crimson, Fiery Red, Scarlet, Yellow, Mixed**—Pkts. 10c; 4 pkts. 30c.

**CHILDSI (Chinese Woolflower)**—This attractive variety grows about 2 feet high bearing on long stems brilliantly colored flowers that look like balls of silky wool. Effective in the garden, and can be cut and dried, lasting a long time.

**Bright Pink, Dark Pink, Crimson, Yellow, Mixed**—Pkt. 10c; 4 pkts. 30c.

## CENTAUREA

This lovely class of plants are all pleasing garden subjects. Many of the annual varieties are popular favorites, prized for cut flowers, while the perennials are more admired for garden decoration.

**CENTAUREA CYANUS DOUBLE (Bachelor Button Cornflower)**—These annual flowers have for many years been a favorite cut flower. The attractive double flowers are produced in great abundance and in a wide range of colors. Easy to grow from seed and thrive well in most any type of soil.

**Blue**—Outstanding large double blue, greatly prized by florists.

**JUBILEE GEM**, see page 47.

**Pink, Rosy-Red, White, Mixed.**

Pkt. 10c; 4 pkts. 30c; oz. 50c.

**CENTAUREA IMPERIALIS (Royal Sweet Sultan)**—This beautiful class is undoubtedly the finest of all double Sweet Sultans for cut-flower purposes. The beautiful sweet-scented, deeply-fringed petals are closely held to rounded calyxes and are borne on splendid long strong stems, and will last many days when cut.

**Brilliant Rose**

**Purple**

**Yellow—**

**Dark Rose**

**Delicate Lilac**

**(Suaveolens)**

**Deep Lavender**

**White**

**Mixed**

. kt. 10c; 7 pkts. 50c;  $\frac{1}{4}$  oz. 25c.

**CENTAUREA CANDIDISSIMA (Dusty Miller)**—This silvery-leaved plant growing 12-15 inches high is excellent for bedding, vases, hanging baskets and pots; however, it is most popularly used as a border or for edging, making a splendid display. Pkt. 10c;  $\frac{1}{8}$  oz. 40c.

## CHRYSANTHEMUM . Annual Varieties—Painted Daisies

These are showy and effective garden favorites extensively grown for cut flowers, growing about 2 feet high and bearing a profusion of large daisy-like flowers on good stems.

**ELDORADO**—With golden-yellow dark centers.

**EASTERN STAR**—Primrose, yellow disc, dark brown eye.

**EVENING STAR**—Deep yellow, light brown eye.

**MORNING STAR**—Pale primrose, yellow disc and eye.

**SINGLE SEGETUM and CARINATUM MIXED**

**CORONASIUM**—Tall double, white.

**CORONASIUM**—Tall double, golden yellow.

**CORONASIUM**—Tall double, mixed.

Any of above, pkt. 10c; collection, 4 pkts. 25c.



*Chrysanthemum Segetum El Dorado*



*Shasta Daisy*

## CHERIRANTHUS

**ALLIONI** (Siberian Wallflower) — About 12 inches high with beautiful heads of brilliant-orange flowers, these hardy perennial plants flower freely through the summer from seed sown in the early fall. Pkt. 10c; ¼ oz. 25c.

## CHELONE . Pentstemon Barbatus

This very showy perennial grows 2½ to 3½ feet tall, is rather bushy, having long slender spikes bearing many trumpet-shaped flowers with hairy throats.

**COCCINERIS**—Vivid scarlet. Pkt. 10c.

**NEW HYBRIDS**—Fine assortment of colors. Pkt. 10c.

## COBAEA SCANDENS . Cathedral Bells

A rapid growing annual climber attaining a height of 30 to 50 feet, during the season. Valuable for covering trellis, arbors, trunks of trees, etc.; will cling to any rough surface. The flowers are bell-shaped and open a clear green but turn a beautiful purplish lilac. In sowing, place seed edgewise and merely cover with light soil. Pkt. 10c; ¼ oz. 25c.

## COREOPSIS GRANDIFLORA

This class of hardy perennial plants grows 2 to 2½ feet tall and produce beautiful large daisy-like flowers, rich in color with broad fluted petals. They bloom over a long season and are attractive in the garden and serve excellently as cut flowers.

**MAYFIELD GIANTS**—Large rich deep golden yellow single. Pkt. 10c.

**DOUBLE YELLOW** — An outstanding new large double, rich yellow flowers; very choice. Pkt. 10c.

## CHRYSANthemum . Leucanthemum Perennial . Shasta Daisy

**SHASTA ALASKA**—This is a splendid hardy perennial variety of pure white flowers, rarely less than 5 inches across, borne on long strong stems. They are very fine for cutting and border work. Pkt. 10c.

**CONQUEROR**—This choice pure white flowered plant blooms in great profusion in mid-season and reaches a height of from 2½ to 3 feet. The exceptionally large flowers are beautiful in bouquets. Pkt. 15c.

**SHASTA DAISY DOUBLE** (Diener's Strain)—This is a new and interesting development of double and semi-double, long narrow fringed petals in a wide number of patterns or forms. Pkt. 25c.

## CINERARIA HYBRIDA

Much prized as pot plants, they do well in a cool greenhouse and in mild climates. Succeed well out of doors in shaded places. The large velvety leaves are often hidden from view by the mass of daisy-like flowers colored in vivid shades purple, red, pink, blue and white in addition to outstanding bicolors. Sow seed in boxes during the summer.

**GRANDIFLORA SEMI-DWARF**—Extra Choice Mixed. These extra large flowers are of fine substance and appear in a very select color range. Pkt. 25c.

**GRANDIFLORA SEMI-DWARF** — Good Mixed. This is a fine strain of large flowers of good color and substance. Pkt. 15c.

**MULTIFLORA NANA MIXED**—This compact plant is covered with a profusion of small flowers extremely rich in color. Pkt. 15c.

*Coreopsis, Double Yellow*



## COSMOS

This delightful class of summer and autumn flowering annuals will bring joy to every garden. Their feathery light green foliage is highly ornamental and serves well as a background for other annuals or perennials, growing 3 to 6 feet tall.

The flowers, borne terminally, are large, 3 to 5 inches across, of delicate texture, petals broad, often overlapping and fluted and serve well for cutting. The plants thrive well in poor soil.

**EARLY KLONDYKE ORANGE FLARE** — Grand Champion Gold Medal Winner 1935 All American Selection. These new, bright, vivid orange flowers are supported by long wiry stems on very free flowering plants that grow 2½-3 feet tall with a sparse growth of light green foliage. The highly valued and distinctive feature is its outstanding early blooming habit. The long blooming season affords a great wealth of excellent flowers for cutting. Pkt. 15c.

**COSMOS SENSATION, FINEST MIXED** (Award of Merit, All-America Selections, 1936)—Cosmos Sensation has earned for itself a remarkably permanent position in the garden world. The flowers are mammoth in size, 4 to 5 inches in diameter, with broad, heavy fluted petals carried on very long strong stems. It is extremely early flowering, blooming in 10 weeks from the time of seeding. The mixture contains white, and shades of rose and pink. Pkt. 25c.

**EARLY DOUBLE CRESTED**—The major portion of the flowers in this class are composed of an attractive raised central crest of small petals covering the disc which is subtended by the beautiful characteristic Cosmos petals of like color. They bloom profusely throughout the summer if planted early. Pink, White, Crimson, Mixed—Pkt. 15c.



*Cosmos, Single*



*Cosmos, Double*

**EXTRA EARLY MAMMOTH SINGLE** — Extremely large flowers bloom early and profusely on robust plants 2½ feet in height.

Crimson, Pink, White, Mixed—Pkt. 10c.

**LATE OR AUTUMN GIANT DOUBLE CRESTED**—This class of Cosmos blooms rather late so early planting is of utmost importance to obtain the major wealth of blooms before frost sets in.

Crimson King, White Queen, Pink Beauty, Mixed—Pkt. 15c.

**LATE OR AUTUMN GIANT SINGLE** — This type produces the largest and finest blooms with wide overlapping petals of splendid substance, perfect circular flowers, borne on very long stems.

Crimson, Lady Lenox Pink, Lady Lenox White, Mixed—Pkt. 10c.

## CLARKIA ELEGANS DOUBLE

This hardy annual can be easily grown and does well from seed sown either in the fall or spring. Plants are not readily transplanted and should be pinched back twice during growth to insure good bushy plants. The several leafy stems reach a height of 2 feet and are covered with showy flowers, serving well as cut flowers and are ideal for bedding purposes.

**ALBA**—White.

**VESUVIUS**—Deep orange scarlet, shaded salmon.

**SALMON QUEEN**—Rich salmon pink.

**CHOICE DOUBLE MIXED**—All colors.

Pkt. 10c; 4 pkts. 35c.

## COIX . Job's Tears

**LACHRYMAE**—An annual ornamental grass growing 2 to 4 feet high, producing curious shiny hard seed which may be used as beads. Pkt. 10c.

## COLEUS

One of the most beautiful foliage plants to be obtained from seed. The leaves often measure 10 inches in length and 8 inches in width. They are heart-shaped and handsomely crimped, toothed and frilled; and come in remarkable color combinations. Valuable as house plants, window boxes, and may also be grown outdoors, doing well in shady places. Height 10 to 18 inches. Tender perennial.

**FINEST MIXED**—Pkt. 25c.

## COLUMBINE . See Aquilegia

## CYPRESS VINE . Ipomea Quamoclit

One of the most popular annual climbing vines, with delicate fern-like foliage and masses of beautiful, small star-shaped flowers. Sow in spring after danger of frost and when soil is warm.

White, Scarlet, Mixed—Pkt. 10c.



## CYCLAMEN . Binnewies Strain

**PERSICUM GIGANTEUM**—Produced by the world's famous German Cyclamen seed grower with all the care and attention to keep only the very finest. These plants rank in size, vigor, and beauty. Splendid strong stems support colorful, fragrant blooms held well above the wealth of foliage. Splendid as house plants requiring 16 to 18 months to come into bloom.

**Perle of Zehlendorf**—Dark salmon.

**Rose of Zehlendorf**—Light salmon.

**White with Red Eye.**

**Rose of Marienthal**—Soft rose with carmine eye.

**Snow Queen**—Pure white.

**Dark Blood Red.**

**Pkt. (10 seed) 25c, (100 seed) \$2.00, (200 seed) \$3.75.**

**Mixed: Pkt. (12 seed) 25c, (100 seed) \$1.75, (200 seed) \$3.00.**

## DAHLIA

Few people realize that robust plants with excellent blooms may be produced the first year from seed started early in protected seed beds and later planted out after danger of frost has passed. For a rich autumn display or for specimen plants these flowers are unsurpassed.

**COLTNESS HYBRIDS**—This is a new class of single Dahlias of compact habit about 18 inches high. The flowers are about 3 inches in diameter and in many fine colors with varied shades of red predominating. **Pkt. 15c.**

**UNWIN'S DWARF HYBRIDS**—Sow seed in March and by the end of June a wealth of graceful semi-double flowers will be produced in all the finer shades known to Dahlias. These compact plants grow 2 feet tall, and are a valuable acquisition to the class of annual bedding types. **Pkt. 15c.**

**CACTUS FLOWERED MIXED**—This choice branching plant produces a colorful array of magnificent double flowers with shaggy twisted petals. **Pkt. 15c.**

**PEONY FLOWERED MIXED**—Large flowers with their graceful ribbon-like petals typifying this class of beautiful plants of medium height. **Pkt. 15c.**

**SINGLE MIXED**—A splendid array of pleasing colors in types most pleasing for your garden. **Pkt. 10c.**

**DAISY, SHASTA . See Chrysanthemum**

**DAISY, ENGLISH . See Bellis**

**DATURA . Angel's Trumpet**

**WRIGHTII**—This shrubby plant grows 2½ to 3 feet tall and produces interesting white trumpet shaped flowers mottled with purple, having a delightful fragrance. **Pkt. 10c.**

## DELPHINIUM . Hardy Perennial Larkspur

Among the finest hardy plants for the garden. They thrive in almost any soil or location, and are easily increased.

**BLACKMORE & LANGDON'S DOUBLE HYBRID STRAIN**—The latest and most outstanding development in the Hollyhock-flowered type. Gigantic true double flowers are of all the clear shades of blue and many opaline varieties with bees of contrasting colors. Under good growing conditions the plants reach a height of 6 feet or better, producing immense flower spikes. **Pkt. 15c; 1/16 oz. 40c.**

**IMPROVED BELLADONNA**—Beautiful single flowering light turquoise blue. Height 3-4 feet. Fine spike. **Pkt. 15c.**

**IMPROVED BELLAMOSUM**—A rich deep blue. Same form as Belladonna. **Pkt. 15c.**



*Blackmore & Langdon Hybrids*

**CARDINALE**—Brilliant scarlet California wild flower. Height 18 inches. **Pkt. 15c.**

**ICEBERG**—An exquisite pure white coming true from seed. Flowers set close together along the 20 inch spike. **Pkt. 20c.**

**GOLD MEDAL HYBRIDS MIXED**—The finest strain of Mixed Hybrids offered. The original stock coming from England, and consisting of the best named varieties. Strong robust plants produce tall spikes over 2 feet long of well formed flowers running more in the choicest blue shades. **Pkt. 10c.**

**WREXHAM HOLLYHOCK FLOWERED STRAIN**—The most remarkable feature of this strain is the extraordinary length and tapering spire-like shape of the spikes, together with the exquisite rich and varied tints found in the large truly double flowers.

**Art Shades. Pkt. 35c.**

**Deep Blue Shades. Pkt. 35c.**

**Light Blue Shades. Pkt. 35c.**

**Mixed. Pkt. 25c.**



## DIANTHUS or PINKS . Flower of the Gods

These very attractive, popular annual and perennial plants produce a great variety of brilliant colors and are profuse bloomers. Growing from 8 to 18 inches tall, these plants make ideal beds or borders of solid or mixed colors. The double flowering varieties are excellent for cutting, being almost as fine as Carnations. They do well on most any type of soil, but like a sunny location and are easy to grow from seed.

**DIANTHUS CHINENSIS DWARF**—(Ch'na or Indian Pinks)—A fine class of single and double flowered annual plants. Flowers are borne in large clusters on strong upright growing plants one foot high, blooming freely throughout the summer.

Single Mixed, Double Mixed—Pkt. 10c each.

**DIANTHUS HEDDEWIGI** (Japanese Pinks)—This dwarf free flowering class of annual plants reaches a height of 10 to 12 inches. The exceptionally large, well formed flowers are the outstanding feature of this class.

**Nobilis Giant Mixed** (Royal Pinks)—This is a very select and improved strain of very large flowered single Japanese Pink in many colors. Pkt. 10c.

**Double Mixed**—Colors vary from the richest velvety crimson to the most delicate rose. Pkt. 10c.

Single Mixed—Pkt. 10c.

**DIANTHUS HEDDEWIGI LACINIATUS**—This beautiful class of plants have delightful fringed edges in a great variety of colors, growing one foot in height.

**Splendens**—This new variety is one of the outstanding introductions. Free flowering, bearing large single flowers over 2 inches across in a brilliant shade of crimson with a large contrasting glistening white eye. Pkt. 15c.

Double Mixed—Pkt. 10c.

Single Mixed—Pkt. 10c.

**DIANTHUS PLUMARIUS** (Grass or Clove Pinks)—Perennial group. This fine class of hardy perennials grows from 1 to 1¼ feet tall, and enjoys great popularity, being most attractive in rock gardens, in borders, and for cut flowers.

**Cyclops**—Large, single flowers in pink and rose shades, having a large red eye, are indeed most attractive. They are found in abundance on the sturdy plants that grow in thick clumps about 15 inches high. Pkt. 10c.

Single Mixed (Pheasant's Eye)—Pkt. 10c.

Double Mixed—Pkt. 10c.

## HARDY GARDEN PINKS Perennial Rock Garden Pinks

**ALLWOODII**—A new race of perpetual-flowering hardy green pinks. The seed will produce an average of 75 per cent double, deliciously clove-scented flowers in many colors. Flowers continuously from spring until late in the autumn. Pkt. 35c.

**CAESIUS** (Chedder Pink)—Splendid rock plant, forming dense tufts 3 inches high with delicate rose colored flowers. Pkt. 15c; ¼ oz. 50c.

**DELTOIDES BRILLIANT** (Maiden Pink)—A charming creeping variety for the rock garden, with rich rosy crimson flowers. Pkt. 15c; ⅓ oz. 50c.

**SWEET WIVELSFIELD**—This is the result of a cross of Dianthus Allwoodii on the Dianthus Barbatulus. The growth is not unlike the Sweet William but the



*Dianthus, Sweet Wivelsfield*

flowers are larger and it has a much wider range of color. Besides retaining the brilliant coloring of Heddeewigi strain, which was one of its ancestors, it has many of the dainty markings of the same. Some of the flowers have a honey perfume. Blooms the first year from seed and will live over winter if conditions are favorable. Mixed, pkt. 10c.

## DIANTHUS BARBATUS See Sweet William

## DIASCIA

**BARBERAE**—A very attractive little annual plant, blooming freely in summer. The flowers have two short spurs produced on slender stems and are a beautiful salmon pink. Excellent for rock gardens and dwarf borders and makes a fine pot plant for indoor decoration. Height 9 inches. Pkt. 15c; 1/16 oz. 50c.

## DIDISCUS . Blue Lace Flower

**COERULEUS**—A very pretty annual. Exquisite pale lavender flowers on long stems. A constant and profuse bloomer. Excellent for cut flowers. Not difficult to grow from seed; seed somewhat slow in germinating. Pkt. 10c; ¼ oz. 40c.

## DIMORPHOTECA . African Golden Daisy

**AURANTIACA HYBRIDS**—Extremely showy annual daisies from South Africa. The plants grow 12 to 15 inches high with flowers 2¼ inches over and across, varying in color from purest white through the various shades of yellow orange to rich salmon shades, many being zoned with several of these colors around the black disc. Sow the seed where it is to remain in the spring in a sunny position. Pkt. 10c; ¼ oz. 40c.



## DIGITALIS or FOXGLOVE

**GLOXINOIDES**—These handsome and highly ornamental hardy biennial plants of stately growth do well under almost all conditions. They are fine for shrubbery, borders, and for naturalizing in suitable places. Spikes of their characteristic elongated bell-shaped flowers, are beautifully spotted in the exposed interior surface, attain a height of from 3 to 5 feet. Seed sown in the spring seldom produces plants that blossom until the following year, whereas plants from fall sown seed usually bloom the first year.

Pink, White, Purple—Pkt. 10c.

**GIANT SHIRLEY MIXED**—The finest strain of Foxgloves yet introduced. Vigorous plants of five to seven feet with spikes of bloom four feet in length, closely set with flowers of unusual size, ranging in color from pure white to dark rose, handsomely spotted and blotched with crimson, maroon and chocolate. Pkt. 15c;  $\frac{1}{4}$  oz. 35c.



*Foxglove, Giant Shirley*

## DOLICHOS . Hyacinth or Jack Bean

In this desirable class of ornamental climbers of the pod bearing family we find peas and beans are familiar members. Their attractive foliage and colorful blossoms afford great beauty and enhance their usefulness for arbor, trellis and porch decorations.

**LABLAB (Hyacinth Bean)** — Mixed. These rapid growing climbers flower freely in erect racemes of purple and white shades. The seed pods that develop are also very attractive. Pkt. 10c.

**LIGNOSUS (Australian Pea Vine)**—A rapid growing evergreen perennial climbing vine producing in great abundance large clusters of rose colored pea-shaped flowers. Pkt. 10c.

## ECHINO CYSTIS . Wild Cucumber Vine

**LOBATA**—Quick growing annual vine; splendid for covering trellis, old trees, fences, etc. Clean bright green foliage and sprays of white flowers in July and August. Pkt. 10c; oz. 30c.

## ESCHSCHOLTZIA . California Poppy

This beautiful and brilliant annual has been greatly improved in recent years, and we now have many beautiful and unusual colors.

**CALIFORNIA, EXTRA GOLDEN**—A special selection of the pure gold California Poppy. This is the finest colored Eschscholtzia and its richness of color is unequaled. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

**BALLET GIRL** — Cochineal carmine creamy white. Pkt. 10c.

**CHROME QUEEN**—Light yellow with just a shade of apricot, frilled. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

**LOVELY**—Bright rose pink suffused salmon. Pkt. 10c;  $\frac{1}{4}$  oz. 40c.

**MIKADO**—Orange-crimson. Pkt. 10c.

**TANGO**—Bronzy red. Pkt. 10c.

**THE GEISHA**—The fluted petals are gold inside and orange crimson outside. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

**VESUVIUS**—Red and gold. Pkt. 10c;  $\frac{1}{4}$  oz. 30c.

**NEW HYBRID MIXED** — This mixture is made from a number of new sorts of wonderful colorings. Beautiful for bedding and hillsides. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; oz. 75c.

## EUPHORBIA

Strong-growing annuals, suitable for beds of tall-growing plants, or mixed borders; the flowers are inconspicuous; the foliage, however, is exceedingly ornamental.

**VARIEGATA (Snow on the Mountain)** — Attractive foliage; veined and margined with white; 2 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

## EVENING PRIMROSE . See Oenothera

## FORGET-ME-NOT . See Myosotis

## FOUR O'CLOCK . See Marvel of Peru



*Gaillardia, Portola Hybrids*

## GERBERA . Transvaal Daisy

**JAMESONI HYBRIDS MIXED**—This South African flower is of unusual daintiness. The large daisy-like flowers 2-4 inches across are borne on long stems. Their color range of white, pink, salmon, rose, crimson, yellow, lilac and intermediate shades make this strain ideal for cut flowers. Pkt. 25c; 100 seeds 75c.

## GLOXINIA

This is a very effective summer and fall flowering pot plant. Neat plants with dark green plush-like leaves produce numerous short stalks bearing beautiful richly colored inverted bell-shaped flowers. The plants grow best in a cool surrounding and in rich moist soil.

**HYBRIDA GRANDIFLORA MIXED**—This is a splendid strain including such choice colors as purplish violet, crimson, pink and lilac usually with beautifully spotted light throats. Pkt. 25c.

**SCARLET QUEEN**—Beautiful scarlet light throat. Pkt. 25c.

For bulbs see page 47.

## GOMPHRENA . Globe Amaranth

This attractive everlasting annual plant grows 18 inches high and is covered with clover-like blossoms brilliantly colored. They flower from midsummer to late fall, lending themselves to garden designs and border work. Like other straw flowers they make admirable winter bouquets.

**ORANGE or GOLDEN**—A marvelous color. Pkt. 10c.

**PURPLE**—As rich and royal as purple can be. Pkt. 10c.

**MIXED COLORS**—Pkt. 10c.

## FUCHSIA . Ladies' Eardrop

This is a well known plant of easy culture in pots for the conservatory, parlor decoration, or for the open ground. The large showy pendant flowers of a rich red color make a beautiful display. Pkt. 25c.

## GAILLARDIA . Blanket Flower

These hardy perennial varieties are remarkable for the profusion, size, and brilliancy of their flowers, continuing in bloom from early summer through late autumn.

**DAZZLER**—These new large flowers up to 5 inches in diameter are bright golden yellow petaled with a rich maroon-red center. Pkt. 15c.

**THE KING**—A new introduction from Europe of enormous flowers of fine substance. Cerise tipped yellow. Pkt. 20c.

**INDIAN CHIEF**—This fine new annual with large bronzy red flowers received the Award of Merit by the Royal Horticultural Society. Pkt. 10c.

**PORTOLA HYBRIDS**—This very fine perennial strain has bronzy scarlet petals tipped with golden yellow. Pkt. 15c.

**GRANDIFLORA MIXED**—Pkt. 10c.

## GERANIUM

**ZONALE MIXED**—This is a superb strain of the finest and largest varieties, blooming the first year from seed. Reds predominate but soft shades of pink, rose and white are quite frequent. Pkt. 15c.

*Gerberas, Jamesoni Hybrids*

## GILIA

**CAPITATA**—A very graceful annual, growing about 2 feet high with fine feathery foliage and bearing freely over a long season; globular heads, about an inch across, of rich lavender blue flowers. Pkt. 10c; ½ oz. 25c.



*Geum, Lady Stratheden*

## GEUM

This perennial plant reaches a height of two feet, bears lovely double rose-like flowers gracefully poised on long stems at the base of which is a thick rosette of strawberry-like leaves. The plants make splendid perennial borders, and are welcomed in bouquets.

**MRS. BRADSHAW**—Orange scarlet. Pkt. 10c.

**LADY STRATHEDEN**—Golden yellow. Pkt. 10c.

## GODETIA . Satin Flower

**TALL DOUBLE FLOWERED**—This attractive hardy annual blooms profusely, bearing showy flowers of satiny texture in many rich and varied colors of exquisite beauty. Plants branch considerably at the base and produce strong stems about 2 feet tall.

**Crimson, Rich Pink, Carminea Improved Pink, Lavender, Mixed**—Pkt. 10c.

**DWARF DOUBLE AZALEA FLOWERED MIXED**—Pkt. 10c.

**DWARF COMPACT SINGLE**—These bushy plants are covered with broad petaled cup-shaped flowers 2 or 3 inches across, and are of the same satiny texture as the double flowered sorts. Mixed, pkt. 10c.

## GOLDEN ROD . Solidago

This popular hardy perennial flowers in late summer, producing golden yellow composita flowers. Height 3 feet. Pkt. 10c.

## GRIVILLEA . Silk Oak Tree

**ROBUSTA**—A very beautiful and graceful decorative plant with fern-like foliage; excellent for table decorations; easily raised from seed, producing good sized plants in a short time. Pkt. 10c.

## GYPSOPHILA . Baby's Breath

These lovely dainty free-flowering plants do well in most any type of soil. Their dainty white or colored panicles are popularly used in mixing in with other flowers.

**ELEGANS GRANDIFLORA**—Large flowered single annuals, 2-3 feet tall.

**Alba**—True Covent Garden strain; pure white.

**Rosea**—Soft light pure rose.

**Carminea**—Lovely deep carmine.

**Mixed.**

Pkt. 10c; 1 oz. 25c.

### PERENNIAL VARIETIES

**Paniculata Single White**—Very dainty tiny white single flowers on slender stems 2 feet high. Pkt. 10c.

**Paniculata Double White**—This strain is superior to the older hardy strain and produces graceful dainty sprays of tiny rose-shaped double flowers of pure white, although not fixed true for doubleness it produces a goodly percentage of these charming double flowering plants around 3 feet tall. Pkt. 20c.

**Repens**—This class is for rock gardens, being only 6 inches high.

**Rosea**—Light rose. **Alba**—Pure white. Pkt. 15c.

**Pacifica**—Pyramids of tiny pink flowers appear in slender, spreading panicles. It is very hardy and able to withstand severe frosts or extreme heat and dryness, and comes into bloom after the *Paniculata*. Pkt. 15c.

## GOURDS, ORNAMENTAL

These are desirable in many places where an immense amount of vine is wanted quickly. The blooms of some are quite striking and handsome. The mature fruits are unique and are often shellaced and used as household decorations.

### SMALL FRUITED VARIETIES

**Apple**—Creamy white apple-shaped.

**Bottle (Miniature)**.

**Egg Shaped**—White. Used as nest eggs.

**Orange**—Shape and color resemble an orange.

**Pear, Bicolor**—Green and golden yellow.

**Pear, Striped**—Yellow and green.

**Warted**—All shapes and varied sizes, oddly warted. **Small Varieties Mixed.**

### LARGE FRUITED VARIETIES

**Calabash (Pipe Gourd)**—Used for making pipes.

**Dipper**—Used for dippers and birds' nests.

**Dish Cloth or Bath Sponge (Luffa)**—The mature fruits have a fibrous skeleton and is used like a sponge. When ripe soak in water to separate from flesh.

**Giant Bottle or Chinese Water Jug.**

**Hercules Club**—Mature fruits are 2 to 3 feet long and club shaped.

**Mixed**—All varieties, large and small.

Price any of the above: Pkt. 10c; ½ oz. 20c; 1 oz. 30c.

*Ornamental Gourds*



**HELIANTHEMUM . Rock, or Sun Rose**

**MUTABILE**—Low-growing evergreen plants forming large clumps, completely covered with bloom during late summer. Pale rose changing to lilac, then to white. 8 to 12 inches. Excellent for rockeries. Mixed. Pkt. 10c.

**HIBISCUS . Mallow Marvels**

These sturdy robust perennial plants grow from 3 to 6 feet high. Their mass of luxuriant foliage and wealth of large beautiful saucer-shaped flowers 4 to 6 inches in diameter, and large-branching habit make this plant one of the finest to use for a quick growing colorful tall hedge or background.

**GOLDEN BOWL or SUNSET**—Large deep cream colored flowers reflecting a golden hue with a velvety maroon center adorn these plants in great numbers. Grows 2-4 feet tall. Pkt. 10c; ¼ oz. 30c.

**CRIMSON EYE**—Flowers are of the largest size with a large splash of velvety crimson in the center. Pkt. 10c; ¼ oz. 30c.

**NEW GIANTS MIXED**—Splendid large flowers of white, mellow pink and rich dark red. Pkt. 10c; ¼ oz. 25c.

**HOLLYHOCK**

For planting among shrubbery or forming a background for other plants, their tall and stately stalks arise in majestic splendor with many large green leaves, and with a wealth of richly adorned flowers near the top.

**DOUBLE TRIUMPH MIXED**—Beautifully fringed double flowers in many new and pleasing shades, and others in bicolor combinations are found in this outstanding strain. Many reach a height of from 5 to 8 feet. Pkt. 15c.

**DOUBLE IMPERATOR**—This English novelty has beautiful flowers of varying tints. The flower group consists of a disc of longer and wider outer petals elegantly fringed and deeply fringed and a central crest of tufted petals. The flowers somewhat resemble a crested Begonia on a giant scale, being 5½ to 6½ inches in diameter. Pkt. 15c.

**CHATERS DOUBLE VARIETIES**—This splendid strain of large extremely double flowers is one of the most popular.

Maroon	White
Scarlet	Yellow
Deep Rose	Newport Pink—Finest pure pink
Salmon Rose	Mixed

Packet 10c; 7 pkts. 50c.

**ALLEGHANY MIXED**—This very fine strain includes single, semi-double and double flowers seldom less than 5 inches across. They are beautifully fringed and vary in color from delicate shrimp pink to deep red with many interesting and unexpected flushes of other colors to make these blooms of outstanding and interesting beauty. Pkt. 10c.

**SINGLE VARIETIES**—Flesh-pink, Pink, Red, Yellow, White, Mixed—Pkt. 10c; 5 pkts. 40c.

**HUMULUS**

**JAPONICUS (Japanese Hop)**—This rapid summer climbing annual plant makes a dense, luxuriant covering, and is one of the best for covering a veranda, trellis, or such places where attractive coverage is desirable. Pkt. 10c; ¼ oz. 25c.



*Helianthemum, Autumnale Superbum*

**HELENIUM . Sneeze Wort**

Strong-growing hardy perennials, succeeding in any soil and useful in the hardy borders. Blooms profusely.

**AUTUMNALE SUPERBUM**—Large golden-yellow flowers during summer and fall. Fine for cutting. Five to six feet. Pkt. 10c.

**BIGELOW**—A beautiful hardy perennial, flowers golden yellow with black center, very striking for cut blooms. Pkt. 15c.

**HELIANTHUS . Sunflower**

**CHRYSANTHEMUM-FLOWERED DOUBLE**—Large, densely double, bright golden yellow flowers. The plant branches and affords fine, long stout stems for cutting. One of the best varieties. Height 6 to 8 feet. Pkt. 10c; ¼ oz. 30c.

**RED SUNFLOWER**—Some are solid red, of a deep maroon shade; others are red with petals gold-tipped, and a variety of other pleasing combinations of red and gold. Pkt. 10c; ¼ oz. 20c; oz. 50c.

**PERKEO (Miniature Sunflower)**—These are small, both in flower and plant; grows from 18 to 24 inches high, and covered with small, yellow flowers with dark eye. Pkt. 10c; ¼ oz. 25c.

**STELLA (Improved Miniature Sunflower)**—Is considerably taller than Perkeo and has large single flowers (6 inches across) of purest golden-yellow with black disc. Pkt. 10c; ¼ oz. 20c; oz. 50c.



## HELICHRYSUM . Strawflower

Among the most popular hardy annual "ever-lasting". Very attractive when growing in the garden and also fine for drying. Flowers intended for drying should be gathered when partially unfolded and suspended with their heads downward in a cool place. Height 2 to 3 feet.

SILVER BALL—White.

GOLDEN BALL—Yellow.

FIRE BALL—Red.

VIOLET QUEEN—Violet.

SALMON QUEEN—Salmon pink.

Pkt. each 10c; 5 pkts. 35c;  $\frac{1}{4}$  oz. 30c.

MIXED—All colors. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

## HELIOTROPE

This half-hardy perennial flowers over a period of many months where winters are not too severe. Large clusters of blossoms from dark blue to deep violet of exquisite fragrance make these plants highly desirable for bouquets, in beds, or for pot plants. Mixed, pkt. 10c;  $\frac{1}{8}$  oz. 35c.

## HEUCHERA . Coral Bells

SANGUINEA—One of the finest hardy perennials. These plants are widely used for borders and massing, reaching a height of  $1\frac{1}{2}$  feet. From an attractive deep green mat of leaves which are somewhat hairy and sometimes tinged with red or white, rise graceful, slender stalks upon which are borne clusters of tiny bell-like flowers of a rich, bright coral red. Pkt. 25c.



*Helichrysum Strawflowers*

## HUNNEMANNIA . Santa Barbara Poppy, Bush Eschscholtzia, Mexican Tulip Poppy

FUMARIFOLIA SINGLE YELLOW—These annual plants grow into shrubby bushes 16 to 20 inches high and produce large cup-shaped flowers often 3 inches across. These bright lemon yellow sweet scented flowers are indeed most attractive with their broad and satiny crinkled petals. Seed sown early spring will bloom early and continue through late fall. It makes excellent cut flowers lasting a long time after being cut before petals fall. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

SUNLIGHT—This splendid poppy received Award of Merit in the All American selection in 1934. The semi-double flowers are unique in that the extra band of petals is produced on the outside of the tulip-shaped flower rather than on the inside, thus making them appear open, showing its full splendor to advantage at all times. The flowers are of a sparkling lemon yellow on a 2-foot bush of light grey green. They like a well drained sunny position and will flower freely until late fall. Pkt. 15c.

## IBERIS . Perennial Candytuft

Dwarf evergreen plants, 6 to 10 inches high.

GIBRALTARICA HYBRIDA—White shading to lilac. Pkt. 10c;  $\frac{1}{4}$  oz. 50.

SEMPERVERENS—A profuse, white-blooming hardy perennial, coming into flower early in the spring. Pkt. 15c;  $\frac{1}{8}$  oz. 50c.



*Hunnemannia, Semi-Double Sunlite*



## ICE PLANT

**MESEMBRYANTHEMUM CRYSTALLINUM** — Foliage very ornamental, being covered with ice-like globules and prized for garnishing; a valuable plant for dry, sunny situations on banks, rockwork, old walls, etc. Annual. Height 6 inches. Pkt. 10c.

**MESEMBRYANTHEMUM TRICOLOR** (Pink Flowering Ice Plant) — These produce an abundance of showy pink single blossoms that glisten in the hottest sunshine. Pkt. 10c.

**MESEMBRYANTHEMUM CRINIFLORUM** (Livingstone Daisy) — The plants which are of slightly spreading habit, are literally covered with daisy-like flowers, measuring about 2 inches, of the most delightful shades imaginable. They are pure white tinted and edged with rose, pink, crimson and buff, and self colors including primrose, golden, buff, apricot, crimson and pink. Pkt. 20c.

## IMPATIENS . Zanzibar Balsam

This tropical African plant is very easy to grow and is much prized for window culture, or garden display in the semi-shade, and may be had in bloom in the house throughout summer and winter.

**SULTANA** — Flowers are of a brilliant rosy scarlet on a much branched well rounded plant 18 inches high. Pkt. 20c.

## IPOMOEA

Beautiful rapid annual climbers. Foliage very dense and some kinds have remarkable shape. In a wide range of delicate colors.

**BONA NOX** (Evening Glory) — Violet blue flowers, open in the evening; similar to the white Moon Flower but not as large. Pkt. 10c; oz. 35c.

**GRANDIFLORA ALBA** (White Moon Flower) — At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers, 5 to 6 inches in diameter. Rapid grower attaining a height of 30 or 40 feet under favorable conditions; leaves large, frequently 4 to 5 inches across. Pkt. 10c; oz. 50c.

**RUBRO COERULEA** (Heavenly Blue) — A most desirable free flowering sort, with glossy dark foliage and very large flowers of bright sky blue. Pkt. 10c; oz. 30c.

**SETOSA** (Brazilian Morning Glory) — Flowers of pleasing rose color, borne very freely in large clusters. A very rapid growing vine covering a large space in a short time. Pkt. 10c; oz. 30c.

**IMPERIALIS** (Japanese Imperial Morning Glory) — The handsomest of all Morning Glories. The colors run from snow white through all possible shades of blue and red, from palest pink to darkest reds and purples. The flowers are streaked, mottled and bordered in wonderful fashion. The leaves are also very handsome; ivy-like and heart-shaped, some are rich green, while others are streaked and marbled with white or yellow. Pkt. 10c; oz. 30c.

**IPOMEA, DOUBLE ROSE MARIE** — New double and semi-double free flowering deep rose-pink flower. Pkt. 10c.

## KENILWORTH IVY . See Linaria

## KOCHIA . Summer Cypress, Burning Bush

**TRICHOPHYLLA** — An easily-grown annual, resembling a close-clipped ornamental evergreen. The globe shaped or pyramidal bushes are close and compact and of a pleasing light green color. Little flowers give the bush a deep red tinge. Pkt. 10c; 1/2 oz. 25c; oz. 40c.

## KUDZU VINE . Jack-in-the-Bean-Stalk Puearia Thunbergiana

Flourishes where nothing else will grow. The large bold leaves of brightest green afford dense shade. Often attains a height of 50 feet. Pkt. 10c; oz. 60c.

## LANTANA

This desirable half hardy perennial is very desirable in greenhouses, in beds, and borders. It is constantly in bloom, supplying a beautiful array of fragrant verbena-like blossoms in orange, rose, white, crimson and yellow.

**DWARF HYBRIDS MIXED** — Splendid large flowers in wonderful colors are borne profusely on plants 18 to 20 inches tall. Pkt. 10c; 1/4 oz. 40c.

## LATHYRUS LATIFOLIUS . Perennial Sweet Pea

This sturdy free flowering perennial sweet pea bears typical handsome pea flowers in large clusters of 8 to 10. They are somewhat thick and waxy and appear in deep rich colors.

Red, Pink, White Pearl, Mixed — Pkt. 10c.

## LAVATERA . Mallow

These are fine showy shrub-like annuals 3 to 4 feet tall and are popularly used for borders or quick growing hedges. They furnish a wealth of color in their large cup-shaped blooms and luxuriant rich green foliage background.

**ROSEA SPLENDENS** — Large bright rose pink flowers. Pkt. 10c; 1/4 oz. 25c.

**SUNSET SPLENDENS** — Rosy carmine flowers on dark stems. Pkt. 10c; 1/4 oz. 25c.



Larkspur

Tall Double Stock Flowered "Rosamond"

See page 76



## LARKSPUR

This grand class of Annual Delphiniums are ever satisfying in the garden and highly prized for cut flowers. The finely cut feathery soft green foliage sets off to advantage the handsome long spikes of beautiful double flowers in a satisfying color range.

**GIANT IMPERIAL** — This group is particularly ideal for cut flowers as the tall, upright, compact basal branching habit makes wonderful long stemmed spikes. Height 3 to 4 feet.

**Blue Bell**—New, deep azure blue.

**Blue Spire**—Intense deep Oxford blue.

**Carmine King**—Deep carmine rose.

**Exquisite Pink Improved** — Soft pink shaded salmon.

**Exquisite Rose**—Rose pink.

**Lilac Spire**—Beautiful rich lilac.

**Los Angeles Improved**—Brilliant pink or salmon.

**White Spire**—Pure white.

Price any of the above: Pkt. 15c; 8 pkt. \$1.00.

**White King**, see page 47.

**Coral King**, see page 47.

**Finest Mixed**—Pkt. 15c; ¼ oz. 35c; ½ oz. 60c; 1 oz. \$1.00.

### TALL DOUBLE STOCK FLOWERED

— Although forming many lateral branches and spreading considerably this group produces many fine spikes of lustrous double flowers.

**Rosamond** — Splendid new early non-fading sparkling pure bright rose. Pkt. 20c.

**Azure Blue, Dark Blue, Sky Blue.**

**La France**—Fine light salmon-pink.

**Lustrous carmine**—Rich deep carmine rose.

Pkt. 10c; ¼ oz. 25c; 1 pkt. each of the 7 colors 50c.

**Finest Mixed**—Pkt. 10c; ¼ oz. 25c.



*Larkspur, Giant Imperial "Blue Bell"*

## LAVENDER . *Lavandula Vera*

Delightful fragrant flowers, much used when dry on account of their sweet odor. Hardy perennial. Height 3 feet. Pkt. 10c; ¼ oz. 25c.

## LINARIA

This delightful class of annuals bears flowers which resemble miniature Snapdragons, ending in simple elongated spurs. Both trailing and erect varieties are found in this worthy group.

**CYMBALARIA (Kenilworth Ivy)**—A fine hardy perennial trailing plant with small bright green leaves and flowers of lavender with orange lips. It resembles English Ivy in miniature form and is especially adapted for hanging baskets, window boxes or for trailing over walls. Pkt. 10c.

**FAIRY BOUQUET MIXED**—A newly improved strain much more compact than other Maroccana strains. Received Gold Medal Award in the 1934 All American Selections. The flowers are quite large, of bright colors and make excellent plants for edging and are wonderful for rock gardens. Highly recommended. Pkt. 15c.

**MAROCCANA HYBRIDS**—Excelsior Mixed. This is a fine class of erect little plants 15 inches high. The colors are varied including yellow, crimson, pink, and purple. Pkt. 10c; ¼ oz. 25c; oz. 75c.



*Linaria, Fairy Bouquet Mixed*



## LEMON VERBENA

An old favorite with fragrant evergreen leaves. Hardy perennial. Pkt. 10c.

## LEPTOSYNE

**STILLMANII** — One of the quickest annuals, blooming within 5 weeks from date of sowing. The golden yellow cosmos-like flowers continue in perfection for a long period. Pkt. 10c.

**MARITIMA** (Sea Dahlia)—Rich golden yellow flowers resembling Marguerites, borne on long stems and good for cutting. Annual, 2 feet tall. Pkt. 10c; ¼ oz. 35c.

## LEPTOSIPHON

**FRENCH HYBRIDS** — Free flowering, hardy annual, useful for edging and rockwork. Plants are thickly studded with charming bright flowers of various colors. Height 4 to 6 inches. Pkt. 10c; ¼ oz. 40c.

## LILIUM REGALE

It is absolutely hardy, and is excellent for forcing. The flowers are white, slightly buff used with pink, with beautiful shade of canary-yellow at the center, and extending part way up the trumpet. It is delightfully perfumed, reminding one of the jasmine, and lacking the heavy, oppressive odor of most lilies. Blooms perfectly out of doors. Seedling bulbs will flower the second year. Lift the bulblets in fall and re-plant to greater depth in their permanent location. Pkt. 15c; ¼ oz. 50c.

## LINUM . Flowering Flax

**RUBRUM** (Scarlet Flax)—One of the most brilliantly colored of the summer annuals. Flowers glowing crimson-red. Beautiful in beds and borders. Height 1 foot. Pkt. 10c; oz. 30c.

**PERENNIAL FLAX**—Bright blue flowers. 18 inches. Pkt. 10c; ¼ oz. 25c.

## LOBELIA

The dwarf sorts are charming plants, well adapted for bedding, pots or rockeries. They make a neat edging for beds of white flowers and are very effective in masses. The flowers are usually blue with lighter center and borne in neat clusters.

**CRYSTAL PALACE COMPACTA** — Rich deep blue, dark foliage; the finest dark blue for bedding. Pkt. 10c; ⅛ oz. 40c.

**BLUE EMPEROR**—A very compact variety; sky-blue flowers. Pkt. 10c; ⅛ oz. 40c.

**WHITE GEM**—Forms a perfect ball of snow-white flowers. Pkt. 10c.

**TENUIOR**—Of upright habit; about 12 to 15 inches, with very large flowers of intense blue, with light center. Pkt. 10c; ⅛ oz. 50c.

**MIXED COMPACTA VARIETIES**—All colors. Pkt. 10c; ⅛ oz. 40c.

**CARDINALS** (Cardinal Flower)—A perennial variety producing brilliant scarlet blossoms on tall, showy spikes 3 feet. Pkt. 25c.

**GRACILIS**—Light blue; light green foliage; trailing. Pkt. 10c; ⅛ oz. 25c.

**HYBRIDA PENDULA SAPPHIRE** — This splendid annual of trailing habit has rich deep navy blue flowers with a striking white eye. Fine for pots or basket work. Pkt. 15c; ⅛ oz. 55c.



*Leptosyne Stillmanii*

## LUPINUS . Lupins

Hardy free-flowering native California annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed borders, beds and for cutting. Sow in the open ground and thin to 6 inches. Two feet high.

**ANNUAL**—Rich Blue, Sky Blue, Rose, White, Mixed. Pkt. 10c; oz. 25c; ¼ lb. 75c.

**PERENNIAL** (Polyphyllus) — Most beautiful hardy border plants producing tufts of soft green foliage, from which arise in continuous succession the stately spikes of bloom. Two to three feet high. Pkt. 10c; ¼ oz. 35c.

## LYCHNIS . Rose Champion

**HAAGEANA** — Handsome hardy perennial plant of easy culture, for massing in beds and borders; will bloom the first year if sown early. Brilliant orange, scarlet crimson, etc. Twelve to 18 inches. Pkt. 10c.

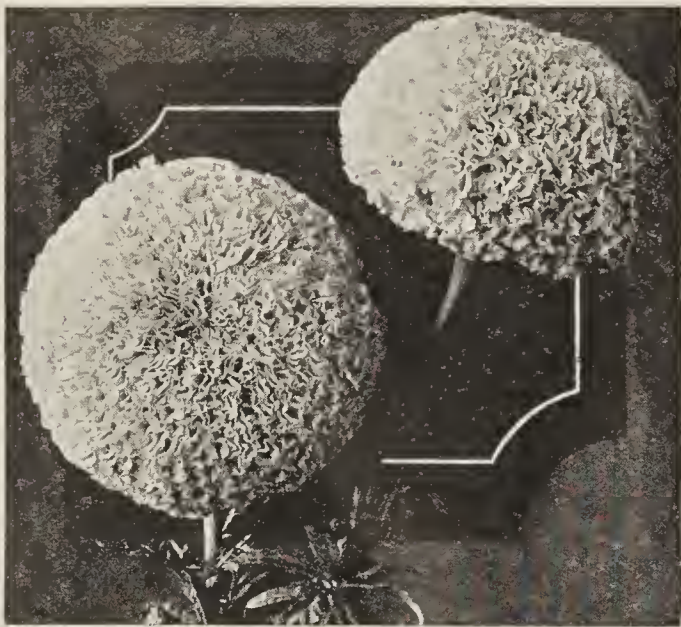
## MARIGOLDS

The Marigolds, both African and French, are popular favorites among late season free-flowering annuals as they supply an abundance of decorative blossoms when many other flowers have passed their prime. The pleasing shades of orange and yellow blossoms are beautifully set off by the bright green finely divided foliage. They are valuable for borders, edging, bedding, or for exhibition purposes.

**AFRICAN TALL DOUBLE**—This class of beautiful large globular flowers is composed of many compact, tubular or wavy petals, produced on fine long stems. The plants are robust, bushy and well branched.



## Marigolds (Continued)



*Marigold, African Tall Double Prince of Orange*

**DIXIE SUNSHINE**—1936 All American Novelty. This is an entirely new Chrysanthemum-flowered type of Marigold. It comes 100% fully double and is but faintly scented with the familiar Marigold odor in the flowers. The fascinating large ball-shaped flowers are composed of dozens of tiny five petaled golden yellow florets, gracefully interlocked and daintily fringed in effect. The splendid tall robust plants of rich green foliage support great numbers of these gorgeous strong stemmed golden yellow flowers. Pkt. 15c.

**FISTULOSA**—This strain produces only about 65-70% of true doubles, the quality of which is unexcelled.

**Prince of Orange**—Large, perfect double-quilled flowers of a rich deep golden-orange color. One of the finest. Pkt. 10c; ¼ oz. 35c.

**Lemon Queen**—Same form as Prince of Orange except in color, which is a soft lemon-yellow. Pkt. 10c; ¼ oz. 35c.

**Mixed**—Pkt. 10c; ¼ oz. 35c.

**ALL DOUBLE**—An improved strain of African Marigold, originated by a California specialist, producing practically 100% double flowers.

**Orange All-Double**—Pkt. 15c.

**Lemon All-Double**—Pkt. 15c.

**Mixed All-Double**—Pkt. 15c.

**GUINEA GOLD**—A distinct type of Marigold, of graceful pyramidal habit, growing 2 to 2½ feet high, flowers semi-double, 2 to 2½ inches across, broad wavy petals of a brilliant shade of orange flushed with gold. Pkt. 10c; ¼ oz. 50c.

**YELLOW SUPREME**—Large fluffy well rounded flowers are sweet scented and of a rich creamy lemon yellow color. This is a fine companion to "Guinea Gold", also serving excellently as a cut flower. Pkt. 15c.

**AFRICAN DWARF DOUBLE IMBRICATED**—This is a splendid dwarf strain growing only 1½ feet tall, but the bushes are loaded with large double flowers.

**Golden Queen**—Golden yellow. Pkt. 15c.

**Orange Queen (New)**—Orange. Pkt. 15c.

**CROWN OF GOLD**, see page 46.

**SUNSET GIANTS**, see page 47.

**FRENCH TALL DOUBLE**—These attractive plants resemble those of the African type in so far as foliage is concerned but are more floriferous, bearing smaller flowers. The petals are often flatly ruffled and overlapping rather than being quilled. The frequently found two-toned flowers add greatly to their splendor. Height 2-2½ feet. Pkt. 10c; ½ oz. 40c.

**Royal Scott**—A distinct combination of mahogany and gold in symmetrical stripes which radiate from the center of the flower unmistakably mark this plant as one of the most outstanding in its class. Pkt. 15c.

**DWARF ROYAL SCOTT**, see page 47.

**FRENCH DWARF DOUBLE**—These are dwarf compact bushes 10-12 inches high, truly considered the most noteworthy of the French strains.

**Golden Ball**—Golden orange.

**Golden Yellow**—Golden yellow with outer row of petals brown.

**Lemon Ball**—Lemon yellow.

**Robert Beist**—Large dark brownish mahogany.

**Finest Mixed**—Pkt. 10c.

**MONARCH STRAIN MIXED**—The Monarch strain has all the qualities which make up the ideal type of Dwarf French Marigolds as evidenced by it having received an Award of Merit in the All American Selections of 1934. The dwarf compact growth with very large, tight, double flowers in a wide color range of orange, bronze, yellow and mahogany shades make this strain excellent for bedding or border use. Pkt. 10c; ½ oz. 40c.

### FRENCH TAGETES (Miniature Marigold)

**Signata Pumila (Little Giant)**—This neat, dwarf, really compact strain is the highest development yet attained of this pretty little Marigold. It is only 4 to 6 inches high with a spread of 8 to 10 inches. The delicate, slender, fernlike foliage is heavily laden with an abundance of dainty, single, golden orange flowers. It makes a novel as well as practical border or bedding plant. Pkt. 10c.



*Marigold, Monarch Strain Mixed*



**MARVEL OF PERU . Four O'Clock**

A hardy annual of the easiest culture. Sow in open and then plant to 18 inches apart. Flowers are closed until afternoon; 3 feet.

MIXED—All colors. Pkt. 10c; oz. 25c.

**MATRICARIA . Dble. White Feverfew**

CAPENSIS—Neat, small double white flowers, well adapted for bedding and cutting. Perennial. Height 3 feet. Pkt. 10c.

**MATTHIOLA**

BICORNIS (Evening Scented Stock) — This old-fashioned annual has no beauty to recommend it, the flowers being a dull, purplish-lilac, but grown for the entrancing fragrance which it emits during the evening. 18 inches. Pkt. 10c; ¼ oz. 25c.

**MESEMBRYANTHEMUM**

See Ice Plant

**MIGNONETTE**

A well-known favorite annual, and no garden is complete without a bed of Mignonette. It is often used for cutting to combine in bouquets with other more pretentious flowers lacking its delicate and pleasing fragrance. It is well to sow at intervals for a succession of blooms. Height 1 foot.

GOLDEN MACHET—Distinct variety of Machet, with massive spikes of golden-yellow blossoms. Pkt. 10c; ¼ oz. 25c.

GOLIATH RED—A vigorous plant, producing giant trusses of flowers on erect, stiff stalks, and surpassing all others in brilliancy of color. Pkt. 10c; ¼ oz. 35c.

MACHET—Of dwarf pyramidal growth, bearing numerous flower stalks, highly colored and very fragrant. Pkt. 10c; ¼ oz. 25c.

SWEET-SCENTED (Reseda Odorata)—The old variety with small spikes, but very sweet scented. Pkt. 10c; oz. 25c.

SPECIAL MIXTURE—All Machet varieties. Pkt. 10c.

**MIMOSA . Sensitive Plant**

PUDICA—Curious and interesting plant with globular heads of small pinkish-white flowers; the leaves close and droop when touched or shaken. Annual. 12 to 18 inches. Pkt. 10c.

**MIMULUS**

A half-hardy perennial, growing from 6 to 12 inches high. Useful for window-boxes, etc.; also good for moist, shady situations in the gardens.

MOSCHATUS (Musk Plant)—Fine for hanging baskets, etc.; small yellow flowers; musk-scented foliage. Pkt. 10c.

TIGRINUS (Monkey Flower, Queen's Prize)—Dwarf, bushy plants, with large Gloxinia-like flowers, ranging in color through white, pale yellow, golden, flesh, rose, crimson and maroon; handsomely blotched and striped. Height 1 foot. Pkt. 15c.

**MOMORDICA**

Very curious annual climbing vines, with ornamental foliage; fruit golden-yellow, warted, and when ripe opens, showing the seed and its brilliant carmine interior. Height 10 feet.

BALSAM PEAR (Charantia) — The fruit is pear-shaped, green changing to bright red and has a warty skin; when ripe it bursts open and shows brilliant interior of large carmine seeds. Pkt. 10c; oz. 30c.

BALSAM APPLE (Balsamina)—Round apple-shaped fruit, very fine glossy green foliage. Considered the prettiest of the two. Pkt. 10c; ½ oz. 50c.

**NEMESIA**

STRUMOSA GRANDIFLORA (Suttoni)—This hardy little annual about 12 inches high is an excellent edging plant. The plants are covered with dainty flowers in rich warm tones of red, yellow and orange. Often times the lower lobes of the blossoms are beautifully spotted.

Rose, Scarlet, Orange, Blue—Pkt. 20c.

Mixed—Pkt. 15c.

**MINA**

LOBATA—An annual climber of luxurious growth attaining a height of 20 to 30 feet in a season. Produces attractive tube-shaped flowers; the buds being first bright red, then changing through orange-yellow to creamy white when fully expanded. Pkt. 10c.

**NICOTIANA . Flowering Tobacco**

A half-hardy annual growing 3 feet high, of the easiest culture. The flowers resemble somewhat a petunia, but with a longer tube.

AFFINIS HYBRIDS—Splendid hybrids in blue, red and rose, etc. Pkt. 10c; ¼ oz. 25c.



*Double Sweet Scented Golden Gleam Nasturtium*

**NASTURTIIUMS**

Since being introduced from Peru, its native country, Nasturtiums have grown steadily in popularity because of the wealth of bloom and seething mass of color furnished. It starts to bloom early and continues late. These splendid flowers with open throats and long spurs are surrounded by circular leaves which should also be included in bouquet work. Their color range is complete with the exception of blue.

HYBRID VARIETIES—In this class are found the newest and most favorite varieties. Their exquisite sweet fragrance, increased number of petals, almost unbelievable color range, and improved plant types have been the factors contributing to their esteemed popularity.

Dwarf Double Golden Globe—New! Dwarf compact bush with sweet scented double yellow flowers of Golden Gleam. Pkt. 15c.

Dwarf Double Gem Mixture—New! Dwarf compact gem-like plants are gaily covered with good sized flowers in a remarkably wide and pleasing color range. Pkt. 15c.



## Nasturtiums (Continued)

### DOUBLE SWEET SCENTED

**Orange Gleam** — New! Semi-dwarf free flowering, producing large uniformly double sweet-scented deep glowing golden or orange flowers. Pkt. 15c.

**Scarlet Gleam**—Large fiery scarlet flowers with their interesting double petals 2½-3 inches across are abundantly borne on this semi-dwarf bush. Pkt. 10c.

**Golden Gleam**—Beautiful golden yellow, sweet scented, long-stemmed flowers are produced in great number. Pkt. 10c.

**Glorious Gleam Hybrids**—A wide assortment of remarkable colors are to be found in this sweet-scented strain. Pkt. 10c.

**SPECIAL "GLORIOUS NASTURTIUM COLLECTION"**—1 pkt. each of the 6 varieties, 50c.

**DWARF SINGLE MIXED**—This class forms plants 12-16 inches high and are well adapted for bedding and edging. These large beautiful single flowers are found in a cheerful color range including many beautiful colors. Pkt. 10c; ¼ lb. 45c.

**TALL AND TRAILING SINGLE MIXED**—Elegant and luxuriant climbers of quick growth. These plants quickly display a wealth of bloom and continue blossoming over a long period. Pkt. 10c; ¼ lb. 45c.

## MYOSOTIS . Forget-Me-Not

Few spring flowers are more admired than the lovely Forget-Me-Not, which is especially effective for mass planting. Perennial and hardy if given slight protection through the winter.

**ALPESTRIS ROYAL BLUE**—Rich indigo-blue flowers. The finest and most effective dark blue variety; 9 inches. Pkt. 10c; ¼ oz. 40c.

**MYOSOTIS DISSITIFLORA**—Large rich blue, blossoming early, 8 inches tall and very compact and hardy. Pkt. 10c.

**MYOSOTIS POLUSTRIS SEMPERFLORENS**—Hardy dwarf, 4 to 9 inches, flowering in early spring until autumn. Ideal for rock garden or edgings. Pkt. 10c.

**VICTORIA**—A favorite sort, with fine heads of large, clear azure-blue flowers; plants bushy and compact; makes a fine edging or bed.

Pkt. 15c; ¼ oz. 50c.

**MIXED**—A mixture of blue, rose and white-flowered varieties. Pkt. 10c; ¼ oz. 30c.

## NEMOPHILA

These hardy California wild flowers grow around 6 inches high, producing cup-shaped flowers about 1 inch across. They are found in varying shades of blue, maroon, white and scarlet.

Mixed—Pkt. 10c; oz. 30c.

## NIGELLA . Love-in-a-Mist

A compact, free-flowering annual plant growing about 1 to 1½ feet high, with finely cut foliage, curious looking flowers and seed-pods. Of easy culture.

**MISS JEKILL** — A lovely variety, bearing on long stems large semi-double flowers of a corn-flower blue, nestling in fine feathery foliage. Pkt. 10c; ½ oz. 25c.

## OENOTHERA . Evening Primrose

Neat plants, with large, saucer-shaped flowers, the blossoms fully expand on'y late in the afternoon. They are very good for planting in semi-shaded situations.

**ANNUAL VARIETIES**—Mixed. Pkt. 10c.

**LAMARCKIANA**—A biennial Evening Primrose of great beauty. It is found growing wild in many parts of California. Height 3 feet. Pkt. 10c; ¼ oz. 20c.



*Pansy, Lagomarsino's Italian Giant Mixed*

## PANSIES

Few flowers enjoy such consistent and long enduring popularity as do the Pansies. Our giant-flowering strains will bring joy to your garden. Fall sown seed develop to form strong, sturdy early-flowering plants in spring with an abundance of ear'y showy blossoms.

**LAGOMARSINO'S EXTRA LARGE FLOWERING ITALIAN GIANTS MIXED**—Our own mixture comprising a beautiful well balanced collection of rare colors. 1/16 oz. \$1.00; pkt. 25c.



*Nasturtiums, Dwarf Single Mixed*



## Pansies (Continued)



*Pansy, Mastodon Jumbo Giants Mixed*

**MASTODON JUMBO GIANTS MIXED** — Beautiful strain of giant flowered Pansies with blossoms up to 4½ inches across. They are early flowering, strong sturdy plants, with good stems and have a choice range of rich bright colors. Pkt. 50c; 1/16 oz. \$2.00.

**GIANT RUFFLED MASTERPIECE MIXED** — The petals are conspicuously crinkled or ruffled, having the unique feature of appearing double. The color range runs toward the pleasing rich deeper shades. Pkt. 25c; ⅛ oz. 75c.

**TRIMARDEAU GIANTS MIXED** — A very compact, hardy, free-blooming variety with an outstanding wide color range of delightful cheery shades. Their strong, stiff stems are long and splendid for cutting and are also most excellent for bedding purposes. Pkt. 10c; ⅛ oz. 35c.

**ROGGLI or SWISS GIANTS** — This strain of Pansies was originated in Switzerland. The blooms are rich and velvety, very large and well rounded, showing large dark blotches on each of the three lower petals and having a most striking and attractive color range. Outstanding in every respect.

**Lake of Thun (Ullswater)** — Rich ultramarine-blue with dark blue blotches. Pkt. 25c.

**Berna** — Dark blue with purple violet blotches. Pkt. 25c.

**Alpenglow** — Rich velvety cardinal red shades with darker velvety blotches. Pkt. 25c.

**Rheingold** — Golden yellow with rich velvety brown blotch. Pkt. 25c.

**Mont Blanc** — Beautiful white with dark blackest blue blotches. Pkt. 25c.

**Special Collection** — 1 packet each variety (5 pkts.) \$1.00; 1/16 oz. 75c.

**ROGGLI or SWISS GIANTS MIXED** — A highly satisfactory strain for many purposes such as bedding, where mass color is wanted, or for separate color exhibition, and also for cut flowers, this will be found one of the most popular and reliable of all strains. 1/16 oz. 75c; pkt. 25c.

## PETUNIAS

For freedom of bloom, variety and effectiveness of color Petunias have no equal. Their handsome sweet scented flowers in delicate and gorgeous colors will be found in blossom through the spring and summer months and even into the fall. The plants love the sunshine and the various types will be found adaptable to any purpose you may desire.

**HYBRIDA** — This is a class of bushy, free flowering plants 2 feet in height. Valuable for massing in beds or borders to replace early spring flowers. Their flowers are single and make a very colorful show.

**Flaming Velvet** — Gold Medal Award 1936 All America Selections. Rich brilliant velvety blood-red. Outstanding in color, uniformity, and type. Pkt. 25c.

**General Dodds** — Rich crimson garnet. Pkt. 10c; ⅛ oz. 50c.

**Howards Star** — Crimson with a clearly defined five-pointed white star. Pkt. 10c; ⅛ oz. 50c.

**Improved Rose King** — Special Mention 1936 All America Selections. Large, free flowering true rose colored variety of loose habit. Pkt. 15c.

**Striped & Blotched (Inimitable)** — An interesting variety beautifully striped and blotched. Pkt. 10c; ⅛ oz. 50c.

**Choice Mixed** — An excellent mixture of good bright colors. Pkt. 10c; ⅛ oz. 50c.

### RUFFLED NANA COMPACTA

**Martha Washington** — Award of Merit, 1935 All American Selections. Seed released 1936. This is a new break in Petunia. Growing about 9 inches high, this compact bush forms a perfect ball effect and is entirely masked with lovely frilled blooms about 3 inches in diameter. The color is indeed remarkable. The frilled portion of the blossom is a beautiful bluish pink, while the center portion is strongly veined a rich wine red, deepening in the large deep throat. The veining is so unique that the blooms resemble a Pe'argonium, so from a thoughtful remark this splendid plant was so beautifully and fittingly named. Pkt. 20c.



*Petunia, Large-Flowered Double*





*Petunia, Dwarf Giants Ramona Strain*

## Petunias (Continued)

**NANA COMPACTA**—A splendid dwarf class for borders, window boxes, pots, and rock gardens.

**Pink Gem**—Gold Medal Award 1934 All American Selections. These neat compact plants grow 5 to 6 inches high and 8 to 9 inches in diameter, have 25 to 30 deep pink flowers open at one time, each flower being 2 inches in diameter. Pkt. 15c.

**New Miniature Rose Gem**—Special Mention 1936 All America Selections. This is a charming addition to the new miniature groups of Petunias which was started with Pink Gem. Rose Gem is the color which the public has been asking for in this miniature form. It is of the same rich deep rose that made Petunia, Rose of Heaven so popular. The plants are neat and compact, 5 to 6 inches high, and smothered with rich rose colored blooms about two inches in diameter. Pkt. 15c.

**ROSE KING, IMPROVED**, see page 46.

**HYBRIDA NANA ERECTA**—Growing 14 inches tall and very erect, these delightful plants furnish a wealth of dainty superb blossoms. This is an outstanding class of border plants.

**Cockatoo**—The deep violet-purple blooms interestingly marked with irregular white spots around the petal edges. Pkt. 15c.

**Heavenly Blue or Silver Blue**—A beautiful silvery light blue shade. Pkt. 10c;  $\frac{1}{8}$  oz. 60c.

**Rose of Heaven**—A very effective brilliant rich rose. Pkt. 10c;  $\frac{1}{8}$  oz. 60c.

**Rosy Morn**—Soft rose pink with white throat. Pkt. 10c;  $\frac{1}{8}$  oz. 60c.

**Violacea**—Flowers of deep violet. Pkt. 10c;  $\frac{1}{8}$  oz. 50c.

**Snowball**—Pure satiny white. Pkt. 10c;  $\frac{1}{8}$  oz. 50c.

**Nana Erecta Finest Mixed**—Wide range of colors in this splendid class. Pkt. 10c;  $\frac{1}{8}$  oz. 45c.

**BALCONY or TRAILING (Hybrida Pendula)**—The Petunias in this class are quite spreading in habit and do well drooping from the edge of window boxes,

or hanging over a terrace or wall. The flowers are larger than those of the Hybrid types, and are very rich in color.

**Blue, Crimson, Rose, White, Mixed**—Pkt. 15c;  $\frac{1}{16}$  oz. 50c.

### GRANDIFLORA SINGLE FRINGED

—This is a class of good single flowers with beautifully fringed edges. The blooms are rich in color, and are abundantly produced on strong plants 14 inches in height.

**Dainty Lady**—Award of Merit 1936 All America Selections. This is an entirely new color in Petunias, a delicate golden yellow. The plants are neat, compact, semi-dwarf, and free flowering, bearing enormous quantities of delicately fringed light golden yellow flowers through the summer. Pkt. 50c.

**Maculata**—Bright red, spotted white. Pkt. 20c.

**Pride of Portland**—Deep rose pink with very fringed petal edges. Pkt. 25c.

**Scarlet Beauty**—Velvety scarlet shading to rose. Pkt. 25c.

**Theodosia**—An outstanding variety in this class of rich rosy pink flowers with contrasting golden yellow throat. Pkt. 35c.

**BURGUNOY**, see page 47.

### GRANDIFLORA SINGLE PLAIN EDGED

**Elks Pride**—This is an outstanding rich velvety purple variety with open throat and plain edge. Pkt. 20c.

**RUFFLED GIANTS—With Large Veined Throats**—This is a strain of very large flowers, distinctly ruffled. Their large deep open throats are heavily veined in a most attractive manner.

**Copper Red**—Rich coppery red flowers have heavy purple veins in their throats. A very attractive variety. Pkt. 35c.

**German Empress**—Pale lilac rose with violet blue throat. Pkt. 35c.

**King Alphonso**—Rich carmine rose with black throat and frilled edges. Pkt. 35c.

**Special Collection**—These 3 outstanding varieties, 75c.

**RUFFLED MONSTERS**—A half dwarf type of erect robust habit. The flowers are very large and ruffled with open shallow throats richly marked and veined. The colors are mostly the desirable red and dark shades. Pkt. 35c.

**DWARF GIANTS OF CALIFORNIA—Ramona Strain**—(Dark and Light Shades)—This is a dwarf sturdy growing type, especially suited to pot culture. Flowers are beautifully ruffled and fringed with open heavily veined throats. Pkt. 35c.

### GIANTS OF CALIFORNIA SPECIAL MIXTURE—

This is a well balanced mixture of light and dark colors, including pink and rose shades. Flowers are large, frilled and ruffled with deep attractive throats. This strain grows 10 to 12 inches long on very sturdy plants. The very finest for bedding subjects. Pkt. 30c.

### FANCY DOUBLE VARIETIES

**Giant Double Fringed Choice Mixed**—A strain of double fringed Petunias producing a high percentage of large fully double flowers. Pkt. 50c.

**Giant Flowered Plain Double Mixed**—A beautiful array of the double darker shades. Pkt. 35c.



**PERENNIAL PHLOX . P. Decussata**

Hardy herbaceous perennial, the individual flowers are similar to the annual variety, but are borne in clusters of 30 to 40 flowers in a tall, stiff stem. Height 2 to 4 feet. Pkt. 10c.

**PLATYCODON . Balloon Flower, or Japanese Bellflower**

Very handsome plants for the perennial border or for planting among shrubbery. Produces very showy flowers which in the bud have the appearance of inflated balloons. Easily grown from seed.

**GRANDIFLORA BLUE**—Large, steel-blue flowers; 2 feet. Pkt. 10c; ¼ oz. 40c.

**PORTULACA . Moss Rose, Sun Plant**

One of the showiest annual plants, of easy culture, thriving best in an exposed, sunny situation. Of creeping habit, 6 to 8 inches high and bears glossy, cup-shaped flowers of brilliant colors in great profusion. Fine for bedding, edging, etc.

**SINGLE MIXED**—All colors. Pkt. 10c; ¼ oz. 25c.

**DOUBLE MIXED**—A large percentage of the flowers will come perfectly double. Pkt. 10c; ¼ oz. 75c.

**PRIMULA . Primrose**

This great class of plants includes varieties and types that are popular favorites of many fields. For bedding work, cut flowers and pot plants Primulas are ever beautiful.

**MALACOIDES (Baby Primrose)**—The flowers are small and dainty and are produced in great profusion in whorls on tall graceful spikes. Plants grow from 8 to 18 inches tall, being very popular bedding subjects.

**Rosy Lilac**—Delicate shade of lavender tinged rose. Pkt. 15c.

**Salmon Rose**—A much brighter shade of rose with strong salmon tint. Pkt. 15c.

**True Rose**—New and especially attractive with its rich carmine pink. The newest and most promising true rose color of the Baby Primroses. Pkt. 20c.

**VULGARIS (English Primrose)**—This hardy perennial is very showy, having large canary-yellow fragrant blossoms set deep among a wealth of rich green foliage. Pkt. 15c.

**AURICULA (Primrose of the Alps)**—Blooms early in spring in colors of yellow, brown and red. 6 inches tall. Pkt. 15c.

**OBCONICA GRANDIFLORA MIXED**—These flowers are of giant size and are found in delicate shades of lavender-pink, salmon-pink, white, crimson, and a fiery glowing red. They make splendid pot plants blooming continuously if not allowed to form seed pods. Pkt. 20c.

**VERIS (Cowslip)**—This splendid primrose bears "bunches" of richly colored flowers on 6-8 inch stems. The shiny deep green leaves furnish a contrasting background for the mass of color and wealth and quality of their very large flowers. These are indeed outstanding perennials in this splendid class.

**Aurea**—Golden yellow. Pkt. 25c.

**Lutea**—Sulphur yellow. Pkt. 25c.

**Gold Based**—Pkt. 25c.

**Coerulea**—Pkt. 25c.

**Red**—Pkt. 25c.

**Polyanthus Mixed**—Choice large flowers in a wonderful color array. Pkt. 15c; 1/16 oz. 35c.

**PENTSTEMON . Beard Tongue**

A hardy perennial but will produce freely spikes of brightly colored and spotted tubular flowers the first year if seed is sown early. They are splendid for garden display, growing 2 feet high, and also furnish invaluable cut flowers.

**Carmine Shades.**

**Red Shades.**

**Rose Shades.**

**Violet Shades.**

**Gloxinoides Mixed (Sensation Improved)**—Pkt. 15c.

**Blue Gem**—Flowers are very bright blue, particularly desirable for rockeries, growing 1½ ft. high. Pkt. 15c.



*Pentstemon, Giant Gloxinoides Mixed*

**PHLOX DRUMMONDI**

Among the most brilliant and easily grown annuals. They bloom over a long period and come in a wonderful range of colors. Will grow in any kind of soil if given a sunny position, but prefer a rich, light loam. Height 6 to 12 inches.

**GIGANTEA — ART SHADES**—Winner of Award of Merit in the All-America Selections 1935. Seed released 1936. A new giant flowered strain with individual florets from 1¼ to 1½ inches across, and in a wonderful range of color in soft art shades with contrasting eyes of white or cream. Pkt. 15c.

**ALBA**—Pure white.

**BLOOD RED**—Dark red.

**CARNEA**—Pale pink, with rose center.

**CHAMMOIS ROSE**—Deep pink, yellow center.

**SPLENDENS**—Bright red, with white eye.

**VIOLET**—Violet with white eye.

**YELLOW**—Primrose yellow.

Any of the above 10c per pkt.; ¼ oz. 50c.

**COLLECTION**—One each of above 7 sorts, 60c.

**FINEST MIXED**—All colors. Pkt. 10c; ¼ oz. 40c; oz. \$1.25.



## POPPIES

These well known, hardy annuals and perennials flower in great profusion throughout the summer. Both the single and double varieties are very desirable for bedding and borders. The flowers are remarkable for their large size, delicacy of tissue and wide range of bright and dazzling colors. Sow seed in open ground where plants are to remain, as the annual varieties do not bear transplanting, and then thin to 6 to 12 inches. To insure continuous bloom during a long season, the flowers should be cut regularly and no seed pods should be allowed to form.

### Single Annual Varieties

**ADMIRAL**—Large, smooth-edged flowers of glistening white, with a broad band of brilliant scarlet around the top. The two colors make a fine contrast. Pkt. 10c.

**AMERICAN LEGION**—Very large flowers of dazzling orange-scarlet. Pkt. 10c.

**TULIP POPPY** (*Papaver Glaucum*)—One of the most brilliant; flowers are 3 inches across and brilliant scarlet. Plants 2½ to 3 feet. Pkt. 10c; ¼ oz. 25c.

**SHIRLEY MIXED**—These have beautiful, satiny flowers in delicate shades of rose, apricot, salmon-pink, and blush, to glowing crimson with a sparkling of blues. The foliage is hairy and finely cut. Pkt. 10c; oz. 40c.

### Double Annual Varieties

**CARDINAL**—Large globular, fringed flowers of intense cardinal red. Pkt. 10c; oz. 30c.

**SHELL-PINK**—Double peony-flowered blooms, exquisite shade of sea-shell or chamois-pink. Very dainty. Pkt. 10c.

**WHITE SWAN**—Immense double flowers, beautifully fringed and of purest white. Pkt. 10c; oz. 30c.

**RYBURGH HYBRID**—The flowers are double and resemble a Giant Carnation, with flat petals overlapping like a Double Begonia. The colors embrace all shades of pink, salmon, orange, etc., all self colors. Pkt. 20c.

**DOUBLE CARNATION FLOWERED**—Splendid double-fringed flowers; mixed colors. Pkt. 10c; oz. 25c.

**DOUBLE PEONY FLOWERED**—Large, showy, double globular flowers, resembling a double Peony; mixed colors. Pkt. 10c; oz. 25c.

### Hardy Perennial Varieties

Hardy perennials blooming the first season from seed. Graceful, neat habit, with fern-like foliage, bearing brilliant flowers, in endless profusion. Very desirable for cutting, for which purpose pick when in the bud.

**ICELAND POPPIES** (*Papaver Nudicaule*)

**Sunbeam** (New)—Improved strain of Iceland Poppies. Beautiful shades and excellent cut flowers. Pkt. 15c; ¼ oz. 50c.

**El Monte** (New)—Deep tangerine orange. Fine for cutting. Pkt. 15c; ⅓ oz. 50c.

**Gartref Strain**—This is a beautiful re-selected strain with most of the petals having contrasting thin line dark edges. The flowers are unusually large on wiry stems and in a splendid color range, including shell pink to cardinal, cream yellows to gold tone, and apricot and amber shades. Pkt. 25c.

**Pure White**—Pkt. 10c.

**Iceland Finest Mixed**—All colors. Pkt. 15c; ¼ oz. 50c.



*Iceland Poppies*

**YELLOW WONDER** (Special Mention, All-America Selections, 1937)—Yellow Wonder is longer stemmed, larger flowered and more vigorous growing than any other Iceland Poppy. The showy, cup-shaped flowers grow about 4 in. across, are rich lemon-yellow; the clear yellow color is made especially vivid by the silky sheen of the broad, round petals. Plants are strong growing and very free flowering; the foliage is rich bluish green and deeply lacinated. It is showy in the garden and lovely for cutting. Pkt. 25c.

**THE EMPEROR**—Truly regal among this exceptional group of Poppies. The Emperor stands forth in a class by itself. It is without a doubt the very finest orange Iceland Poppy ever produced, with extremely large fluted petaled flowers composed of broad, overlapping petals, many flowers having extra petals. The strong, straight stems are very wiry, 18 to 22 inches long, and bear the large flowers majestically whether in the garden or when used for cutting. A perennial, it blooms freely the first year from seed. Pkt. 25c.

**ORIENTALE**—The large Oriental Poppy. Produces numerous leafy stems about 2½ feet high, with large, orange-scarlet flowers; having a conspicuous black blotch on each petal. Very attractive. Pkt. 10c; ¼ oz. 40c.

**PRINCESS VICTORIA LOUISE**—A beautiful, salmon-pink Oriental Poppy. Pkt. 15c; ⅓ oz. 70c.

### PHYSALIS . Chinese Lantern Plant

**FRANCHETI**—An ornamental plant, forming dense bushes about 2 feet high, producing freely bright orange-scarlet lantern-like fruits. Very interesting. Pkt. 10c.

### PHYSOSTEGIA . False Dragon Head

**VIRGINICA**—One of the prettiest of the hardy perennials bearing erect spikes of delicate pink tubular flowers; 3 feet. Pkt. 10c.

### PASSIFLORA . Passion Flower

A very beautiful perennial climber. Grows luxuriantly either from seed or cuttings. Very effective with its attractive sky-blue flowers and rich green foliage. The flowers are later followed with an abundance of handsome fruit. Height 15 to 20 feet. Pkt. 10c.



## PYRETHRUM

**AUREUM** (Golden Feather)—This well known plant is used extensively for edging, carpet bedding, and borders. Its cut leaves of bright gold radiate a golden glow that brings its popularity. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

**HYBRIDUM**—Single and Double Mixed—Hardy perennial, bearing large Daisy-like flowers many of which are crested and double, ranging in color from white to deep red; the singles having bright yellow centers. This is one of the most graceful and long lasting cut flowers. Pkt. 15c;  $\frac{1}{16}$  oz. 50c.



*Ranunculus, New Giant Florentine Mixed*

## RANUNCULUS

**NEW GIANT FLOWERED FLORENTINE RANUNCULUS**—We can strongly recommend this truly wonderful new type. It is very strong and vigorous in habit, with tall stems of bloom 18 to 24 inches in height, each individual flower very large, generally 4 to 5 inches in diameter. The colors are most varied—white, shades of yellow, deep mauve, many shades of pink, rose and crimson, with bronzy shades, some blotched and many picotee edged. They surpass in size and coloring the finest French Ranunculus. Seedlings will generally bloom the first year, but will be at their best the second year from roots formed the first year. Seed should be sown in the spring to flower the first year or they can be sown in the fall to flower the following season. Pkt. 15c;  $\frac{1}{16}$  oz. \$1.00.

## RHODANTHE . Swan River Everlasting

A charming annual; succeeds in a light, rich soil and a warm, sheltered situation. Flowers everlasting. Height 1 foot. Mixed. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

## RICINUS . Castor Oil Bean

Stately, strong-growing annual plants, with very ornamental foliage; well adapted as center plants of groups of Cannas, Dahlias, etc. 6 to 15 feet. Leaves are green or reddish. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.

## ROMNEYA . California Tree Poppy

**COULTERI**—Also well known as the Matilja Poppy. A beautiful and stately perennial. The flowers are large, 4 to 5 inches across; pure white, crinkled like crepe paper, with a fine bunch of yellow stamens, resembling white single peonies. Pkt. 10c.

## RUDBECKIA . Coneflower

**BICOLOR SUPERBA**—Hardy annuals of the easiest culture producing an abundance of flowers. The flowers have a cone in the center surrounded by yellow and brown petals. Very effective as a cut flower; 3 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

## SCABIOSA

This charming class of annuals and perennials deserves a place of prominence in a border or bed. The light colored stamens protrude from the flowers, giving the appearance of pins stuck in a pin cushion. The beautifully colored flowers are borne on long wiry stems and are well adapted to bouquet work.

**LARGE FLOWERED TALL DOUBLE ANNUAL** (Old Maids Pincushion, Mourning Bride)—Rich in color and easy to grow, this class of annuals is indeed indispensable for the well planned garden.

**Loveliness** (New) — Delicate salmon rose shades. Greatly admired at the San Leandro Flower Show. Award of Merit Royal Horticultural Society. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.

**Ageratum Blue**—Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

**Peach Blossom** — Highly commended by the Royal Horticultural Society of Great Britain. A beautiful shade of peach blossom pink, large size and long stems. An excellent cut flower. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

**Shasta**—A pure white of enormous size, the flowers measuring  $3\frac{1}{2}$  inches across with extremely long stems. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

**Azure Fairy**—Clear lavender-blue. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

**Crimson**—Rich rosy crimson. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

**King of Blacks**—Velvety black purple. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

**Rose**—Soft rose color. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

**Collection**—One each of any eight of the above varieties, 50c.

**Finest Mixed**—All colors of the Improved large-flowering. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; oz. 60c.



*Annual Scabiosa, Mixed*



## Scabiosa (Continued)

**GIANT FLOWERED DOUBLE PERENNIAL** — This splendid class of hardy perennials does not grow as tall as the annuals and tends to spread more. The flowers are larger, more ruffled and fringed, not having quite as high a central crest as do the annuals.

**Caucasica Giant Hybrids (Isaac House Strain)**—This is a greatly improved strain of exceptional vigor with long stems, and strongly doubled, ruffled flowers with petals fringed at the edges. The color varies from light to dark blue with delicate lilac and mauve shades predominating. The very finest variety for cutting as well as for the perennial border. Pkt. 20c.

**Columbaria Anthemifolia**—This is a splendid hardy low growing, 18 inches high, making a clump of fine light green foliage. Pink. Pkt. 15c.

## SANVITALIA

**PROCUMBENS FL. PL.**—An annual of dwarf, compact growth; useful in masses in beds, or edges of borders or in baskets, etc. Small double yellow flowers produced in abundance all summer. 6 inches. Pkt. 10c; ¼ oz. 50c.

## SAPONARIA . Bouncing Bet

**OCYMOIDES** — Very showy hardy perennial rock plant, producing during the summer months masses of small, bright rose flowers. 9 inches. Pkt. 10c; ¼ oz. 25c.

**VACCARIA** — A pretty and useful annual variety, grows about 2 feet high, and bears masses of satiny pink flowers somewhat like an enlarged Gypsophila; fine for cutting. Sow in open at intervals for a succession of blooms. Pkt. 10c; oz. 25c.



*Salpiglossis*



*Scabiosa, Giant Hybrids*

**SNAPDRAGON** . See Antirrhinum

**SNOW ON THE MOUNTAIN**

See Euphorbia

## SAINTPAULIA . African Violet

**IONANTHA GRANDIFLORA** — Free blooming and long flowering ideal pot plant. The plants are dwarf with leaves resembling those of Gloxinias. The flowers are a beautiful violet blue with golden anthers resembling very much in form those of the popular garden violet but being larger. Ideal for the house, conservatory, or for protected cool spots in the garden. Pkt. 35c.

## SALPIGLOSSIS

A half-hardy annual, growing about 3 feet high, and bearing Gloxinia-like blossoms in a very large and unusual range of color. They are splendid for cutting and last well.

Purple and Gold, Scarlet and Gold, Crimson, Rose and Gold, White and Gold, Primrose—Pkt. 10c each.

**COLLECTION**—One each of above 6 sorts, 50c.  
**FINEST MIXED**—All colors. Pkt. 10c; ¼ oz. 35c.

## SALVIA . Flowering Sage

Salvia or Scarlet Sage has long been a favorite bedding plant bearing long spikes of flowers in great profusion. Very useful also as hedge or border plants.

**SPLENDENS**—Bright scarlet flowers. Pkt. 10c; ¼ oz. 60c.

**BONFIRE**—A new dwarf scarlet sage of dense, compact growth. Height, 20 to 24 inches. Pkt. 15c; ⅛ oz. 40c.

**PATENS**—Bright blue flowers. Height 2 feet. Pkt. 15c; ⅛ oz. 60c.

**FARINACEA**—Perennial, attractive green foliage and beautiful blue flowers are borne on long spikes. Very desirable; of easy growth. Pkt. 15c; ⅛ oz. 50c.



**SCHIZANTHUS . Butterfly Flower**

Dainty and free-flowering annuals. Grows 1½ to 2 feet high and covered with bright, showy, butterfly-like blossoms. Of easy culture, coming into bloom quickly from seed.

**LARGE-FLOWERING HYBRIDS**—Dr. Badger's strain. Pkt. 10c; ¼ oz. 25c.

**WISETONENSIS**—Profusion of flowers varying from a most white with yellow eye to a brilliant rose with bronzy brown center. Pkt. 15c; ⅛ oz. \$1.00.

**SCARLET RUNNER BEANS**

Largely grown for its attractive scarlet flower clusters, but is also quite palatable. See page 5. Pkt. 10c; ½ lb. 25c.

**SEDUM . Stonecrop**

**COERULEUM**—A pretty creeping annual with dainty racemes of charming pale blue flowers. A splendid subject for the rockery. Pkt. 25c.

**SIDALCEA**

**RYBURGH'S HYBRIDS**—Handsome herbaceous perennial producing numerous miniature Hollyhock-like spikes of flowers from June until fall. Flowers come in a wide range of colors. Height 4 feet. Pkt. 15c.

**SMILAX**

A climbing perennial with beautiful, bright green, glossy leaves much esteemed for its long, delicate sprays of foliage. Does well in shady places. Pkt. 10c; oz. 75c.

**STATICE****Everlasting Sea Lavender**

This is an outstanding class of everlasting flowers, very popular in the garden and for cut flower work. Valuable, interesting and equally popular varieties are found in both the annuals and perennials.

**SINUATA**—From a low rosette of leaves arise several stiff angular stalks which branch toward the top, and bear dense flower clusters in graduated rows. This annual class perhaps enjoys the greatest popularity for everlasting purposes as well as for fresh flower usages.

**Kampf's Tall Blue**—This new improved variety is the clearest, deepest shiny blue of the Sinuata type. It is the outstanding color and plant type of its class. Pkt. 15c.

**Rosea Superba**—Very finest true deep rose. Pkt. 10c.  
**Yellow (Bonduelli)**—Produces numerous heads of bright rich yellow flowers. Pkt. 10c.

**Lavender**—Pkt. 10c.

**White**—Pure white. Pkt. 10c.

**Mixed**—All colors. Pkt. 10c; ¼ oz. 25c.

**SUWOROWII (Russian Cat-Tail Statice)**—This interesting annual plant bears long slender round spikes of densely clustered rose colored flowers. Pkt. 10c.

**PUBERULA**—This is a new annual plant, 5 inches high, forming rich dark violet blooms. Splendid when used in a rock garden, also for pot culture, blooming 5 months from seed. Pkt. 20c.

**LATIFOLIA**—This splendid hardy perennial 2½ feet tall produces large spreading panicles of graceful purplish-blue flowers which are much prized for winter decorations. Pkt. 15c.

**CASPIA**—Same type as Latifolia except flowers are smaller and more graceful, lending a delicate appearance in bouquet work. Beautiful pale lavender colored blossoms on plants 2½ feet tall. Pkt. 15c.

**Mixed**—Perennial varieties. Pkt. 10c.



*Schizanthus, Butterfly Flower*

**SILENE PENDULA . Catchfly**

Pretty dwarf hardy annual; plants used mostly for borders, growing 6 inches high. Easily grown. Sow seed in fall or spring. Mixed colors. Pkt. 10c; ¼ oz. 25c; oz. 75c.

**SOLANUM . Jerusalem Cherry**

**CLEVELAND RED**—Very useful plants for house or garden. It is of dwarf, branching habit; leaves small and oval-shaped, bearing in the greatest profusion bright scarlet, globular berries. Very ornamental. Pkt. 15c.

**STEVIA SERRATA**

This is a very free flowering annual and bears a profusion of its pure white fragrant flowers all summer and fall. Largely used for cutting. Pkt. 10c.

**STOKESIA . Cornflower Aster**

**CYNEA**—This is a beautiful hardy perennial. The plants grow from 18 to 24 inches high, flowering from early summer to late fall. The plant produces 20 to 30 handsome lavender-blue cornflower-like blossoms 4 to 5 inches across on long stems. Valuable for cutting. Pkt. 15c.

**STRAWFLOWER** . See *Helichrysum*

**SUMMER CYPRESS** . See *Kochia*

**SUNFLOWER** . See *Helianthus*

**SWEET ROCKET . Hesperis**

This hardy perennial grows 2-3 feet high and bears spikes of showy fragrant white, lilac and purple flowers. It is excellent for naturalizing among shrubbery or for planting in a permanent border. Mixed. Pkt. 15c.





*Stocks, Early Giant Imperial*

## STOCKS . Gilliflower

This is one of the most famous and beautiful garden annuals. Large spikes of double rosette-like blossoms are of a rich spicy fragrance. These plants like a rich lime soil, and for best results should be planted early. Continuous growth without interruption during a cool season will give best results. Stocks are splendid plants for cut flowers, and furnish a vivid display in a wide color range in bedding work.

**LARGE FLOWERING DWARF TEN WEEKS**—This is the leading class for real dwarf bedding and edging plants, growing 10 to 14 inches tall and blooming very early.

Blood Red	Light Blue
Bright Pink	Purple
Canary Yellow	Pure White
Pkt. 10c; 6 pkts. 50c.	Mixed

**CUT-AND-COME-AGAIN (PERPETUAL BRANCHING or DRESDEN)**—Early blooming, bearing large double flowers on the numerous branches. A very popular bedding and cut flower type growing 2 feet high.

**Brilliant**—Rich fiery blood red. Outstanding.

**La France**—Flesh pink.

**Heatham Beauty**—Rose shaded terra cotta.

**Canary Yellow**—Creamy yellow.

**Silvery Lilac**—Excellent.

**Sapphire**—Dark blue.

**Snowdrift**—Pure white giant flowers.

Pkt. 15c; 7 pkts. 75c.

**Finest Mixed**—Pkt. 10c.

**EARLY GIANT IMPERIAL (IMPROVED BISMARCK)**—This is an especially meritorious class growing 2 to 3 feet tall. The basal branching habit

produces many excellent long spikes full of large double flowers. This class is highly prized for cut flowers and for fine bedding plants.

**Rose Pink** **Elks Pride (Royal Purple)**

**Fiery Blood Red** **Old Rose**

**Lavender** **Golden Ball**

**Lilac** **Shasta—White**

**Santa Maria—White**

**Chamois**—Ivory tinted old rose.

**Antique Copper**—Rich Hellebore-red overlaid with copper.

**Finest Mixed.**

Pkt. 15c; 6 pkts. 75c; 1/8 oz. 60c.

**MAMMOTH DOUBLE BEAUTY OF NICE**—A French strain following Dwarf Ten Weeks season of blooming. The plants branch above the base and are pyramidal in shape, growing 16 inches high. Fine for bedding and cutting.

**American Beauty**—One of the very finest deep rich carmine rose flowering variety of stock. Very choice. Yellow, Light Blue, Old Rose—Pkt. 10c.

## SWEET PEAS

### Cultural Directions

For early spring flowers, sow Sweet Peas in the fall, October, November and December. For late flowering they can be planted any time during the winter or spring. Prepare the ground by working from 18 to 24 inches deep. Give the ground liberal dressing of manure and bone meal.

Set the seeds not over 2 inches deep and 2 inches apart on a firm bed; do not plant seeds in loose soil. When the plants are out of the ground, thin from 6 to 12 inches apart. Give the young plants good support, so they can climb 4 to 6 feet high—in this way they produce nice, long stems. In hot weather, water frequently. For large flowers apply liquid manure about once a week. Pick flowers daily (even poorest flowers) as this prolongs the flowering season.

## Early Flowering Spencer Sweet Peas

These varieties have large, ruffled blossoms of the Spencer type and blossom from four to six weeks earlier than the regular Spencer type.

**SPECIAL PRICES**—Pkt. 10c each; any 7 pkts. 50c; 1/2 oz. 30c; oz. 50c.

**EARLY BLUE BIRD**—Magnificent violet blue; profuse and continuous bloomer.

**EARLY AVIATOR**—Dazzling crimson.

**EARLY COLUMBIA**—Large; pink and white.

**EARLY HARMONY**—Rich, true, deep lavender. Flowers large, beautifully waved, on long stems.

**EARLY MRS. KERR**—A clear, light orange-salmon. Its exquisite color has made this variety very popular.

**EARLY ORIENTAL**—Deepest cream yet introduced in this class; flowers of large size.

**EARLY MARINE**—Dark blue.

**EARLY GIANT ROSE**—Large rose-pink.

**SHIRLEY TEMPLE**—This is an outstanding new sweet pea obtained through a cross between Pinkie and Lady Gay. It has inherited the large sized blooms and richness in color of Pinkie, plus the dainty frilled and fluted flowers of Lady Gay. The color is softer and more beautiful than Pinkie. The flowers are the largest we have seen on any Sweet Pea, and it has long stems with four very large blooms on each stem. This new Sweet Pea is so charming and dainty that it deserved a most appropriate name, so with kind permission it was named in honor of the charming and lovely little cinema favorite, Shirley Temple. Pkt. 25c.

**EARLY SPRING SONG**—Salmon-pink on cream ground.



## Sweet Peas (Continued)

**EARLY SILVER BLUE**—Delicate shade of lavender blue, showing up splendidly in both natural and artificial light.

**EARLY SNOWFLAKE**—Pure white, long stems, perfect form.

**EARLY MEADOW LARK**—Deep, rich cream; extra waved.

**EARLY SUNRAY**—Bright glowing cerise with salmon sheen.

**CHRISTMAS CAROL**—Soft salmon pink and cream or crushed apricot and rose.

**EARLY BELLE**—Rose-pink on cream ground.

**EARLY APOLLO**—Soft salmon-rose, long stems.

**EARLY VULCAN**—Vivid scarlet, splendid grower.

**EARLY PRIDE**—Deep cerise, tinged with scarlet. Even brighter than "Glitters", large flowered, more vigorous and much longer stemmed.

**LAGOMARSINO'S SPECIAL MIXTURE** of Early Flowering Sweet Peas. Pkt. 10c; oz. 35c.

## Cupid Sweet Peas

These Sweet Peas make a uniform growth of about 8 inches high and each plant is about 1 foot in diameter. Used for borders, beds, etc. Mixed colors, pkt. 10c; oz. 30c.

## Lagomarsino's Giant Late Flowering Spencers

**SPECIAL PRICES**—Pkt. 10c; 7 pkts. 50c; 1 oz. 30c.

### ORANGE, SALMON AND CERISE SHADES

**BARBARA**—Beautiful shade of salmon.

**CELEBRITY**—Brilliant orange. Unsurpassed in this color class for vigor, size of flowers, and long stems. Gorgeous under artificial light.

**GOOD CHEER**—Charming Begonia rose. Very robust; large flowers of clear color on long stems.

**MAMMOTH**—Orange scarlet.

**MRS. A. SEARLES**—Rich cerise, bordering on soft Oriental red. Strong growing variety, splendid large blooms.

### RED, ROSE, SCARLET AND MAROON SHADES

**CRIMSON KING**—Pure deep crimson.

**CAMPFIRE**—Very bright flame scarlet.

**DOREEN**—Bright rose-carmine; huge flowers.

**FLAMINGO**—Brilliant orange-scarlet.

**KING MANOEL**—Deep maroon.

**ROYAL SCOT**—Brilliant flame scarlet.

**HONOUR**—Rich crimson. This fine English variety bears large, beautifully waved blossoms.

**WELCOME**—The most dazzling of all the scarlets. Strictly sunproof; robust grower with bold flowers on stout stems.

**ROSABELLE**—Large, bright rose.

**THE SULTAN**—Very deep black maroon. Unequalled for depth of color.

### LAVENDER, BLUE, MAUVE AND PURPLE SHADES

**AUSTIN FREDERICK IMPROVED**—Rosy lavender.

**ASTA OHN**—Lavender, suffused with mauve; flowers large, of perfect form.

**CHIEFTAIN**—Mauve.

**COMMANDER GADSALL**—Deep navy blue

**GLENEAGLES**—Clear azure blue.

**MRS. TOM JONES**—Bright, delphinium blue, the best blue.

**OLYMPIA**—Rich royal purple.

**POWERSCOURT**—Lavender (illac).

**REFLECTION**—Bright delphinium blue.

**WARRIOR**—Rich maroon flushed with bronze.



*Spencer Sweet Peas, Mary Pickford*

### WHITE AND CREAM

**AVALANCHE**—The finest white Sweet Pea. (White seeded).

**YOUTH**—White edge, rose pink.

**CONSTANCE HINTON**—Large white, black seeded.

**WHAT JOY**—Primrose, shading to cream. So far the nearest approach to a true yellow.

### PINK AND CREAM-PINK

**ASCOT**—Clear, light rose-pink. It furnishes exquisitely frilled flowers of splendid size.

**MISS CALIFORNIA**—Very distinct shade of salmon pink.

**JACK HOBBS**—Cream pink, flushed salmon.

**DEL MONTE**—Rich, salmon cerise pink.

**HEBE**—Large bright pink.

**CARMELITA**—Delicate, light rose-pink.

**ELFRIDA PIERSON**—Large; shell-pink.

**MARY PICKFORD**—Cream pink with a faint suffusion of salmon.

**PINKIE**—Rich rose-pink. This extra vigorous sort is universally accepted as the largest flowering and finest of its class.

### PICOTTEE

**SUNKIST**—Clear cream, edged pink.

**YOUTH**—Pure white, edged soft pink. One of the largest flowering and most vigorous of all Sweet Peas. Fragrant.

### STREAKED AND FLAKED

**SENATOR**—Wine and maroon stripes and flakes on light background. The distinct coloring of the large flowers arrests attention.

### LAGOMARSINO'S GOLDEN WEST MIXTURE SPENCER SWEET PEAS

This is our special mixture and is a blend of all the most beautiful colors in Spencer Sweet Peas. Pkt. 10c; oz. 25c; 1/4 lb. 75c; 1 lb. \$2.50.



**SWEET WILLIAM . *Dianthus Barbat***

A well known, attractive, free-flowering hardy perennial, producing a splendid effect in beds and borders with their rich and varied flowers.

**NEWPORT PINK**—Watermelon pink or salmony rose color. Very beautiful. Pkt. 10c; ¼ oz. 40c.

**SCARLET BEAUTY**—Rich, deep scarlet. A rare color in hardy plants and very effective. Pkt. 10c; ¼ oz. 40c.

**SINGLE VARIETIES, Mixed**—Considered more attractive than the double sorts. Pkt. 10c; ¼ oz. 25c; oz. 75c.

**DOUBLE VARIETIES, Mixed**—Pkt. 10c; ¼ oz. 30c.

**SWEET WIVELSFIELD**—(See page 71.) Pkt. 15c.

**TAGETES . See Marigold****THALICTRUM . Meadow Rue**

**DIPTEROCARPUM**—A hardy perennial of vigorous growth, 4 to 5 feet high. Dainty graceful sprays of flowers, elegantly arranged on stems 4 feet high; invaluable for cutting; the flowers are a charming shade of violet-mauve, which is brightened by a bunch of lemon-yellow stamens and anthers. Pkt. 20c.

**TRITOMA . Red-Hot Poker, Torch Lily**

Very handsome and showy border plants. Flowers borne in compact form on stout 3 and 4 foot stems, having the appearance at a distance of orange and red colored spear heads. Hardy perennials. Pkt. 15c.

**THUNBERGIA . Black-Eyed Susan**

**FINEST MIXED**—Beautiful, rapid growing annual climbers preferring a warm, sunny situation. Used extensively in hanging baskets, vases, low fences, etc. Blossoms are buff, orange or white. Height 4 feet. Pkt. 10c.

**GIBSONI**—A lovely new graceful climber for covering pillar and trellis work in greenhouses, or may be flowered out of doors in summer in mild climate. It has glistening green ivy shaped foliage and flowers of most brilliant glowing orange. Should be started inside. Pkt. (15 seeds) 50c.

**TITHONIA . Golden Flowers of the Incas or Mexican Sunflower**

**SPECIOSA**—A rare plant from Mexico, throwing up from the root many stout woody stems furnished with rather large foliage. The flowers are large and remind one of an immense single Zinnia and colored a dazzling orange scarlet. It forms a large shrubby plant, flowers over a long period and is especially desirable for planting among shrubs or in the background of wide borders. Pkt. 15c.

**TORENIA . Wishbone Flower**

**FOURNIERI**—A very fine annual; a splendid plant for vases, hanging baskets, borders, etc., covered the entire season with a mass of bloom. Sky-blue, with three spots of dark blue, bright yellow center. 4 to 6 inches. Pkt. 15c.

**URSINIA . Jewels of the Veldt**

**ANETHOIDES**—Half hardy annual from South Africa, the flowers remaining open until dark. The dwarf plants form large tufts of fine cut foliage from which spring up long wiry stems carrying orange flowers 2 inches in diameter, each with a deep purple zone around the center. Height 1 foot. Sow in boxes in early spring and transplant to sunny position after danger of frost. Pkt. 20c.



*Verbena Hybrid Grandiflora Royale*

**VERBENAS**

Verbenas rank with the Annual Phlox as border and bedding annuals. They are of the same low, spreading growth, and the fragrant flowers show the same rich variety of color, but they withstand cold weather much better and bloom until very late in the fall. They are fine for mass planting, low borders, vases, window boxes, etc.

**HYBRIDA GRANDIFLORA (Gigantea)**—A magnificent new strain of Verbena, free blooming, robust habit. The flower trusses are immense, and the individual florets measure as high as an inch across.

**Collosea**—Rose shades. Pkt. 10c.

**Etna**—Garnet red, deep cream eye. Pkt. 10c.

**Lavender Glory**—Lavender, cream eye. Pkt. 10c.

**Lucifer**—Brilliant scarlet self color. Pkt. 10c.

**Luminosa**—Glowing flame pink, white eye. Pkt. 10c.

**Rosea Stellata**—Rose pink, white eye. Pkt. 10c.

**Royale**—Royal purple, creamy yellow eye. Pkt. 15c.

**Salmon Pink**—Pkt. 10c.

**Spectrum**—New. Intense bright red. Pkt. 15c.

**Violacea Stellata**—Rich violet, white eye. Pkt. 10c.

**White**—Pure white. Pkt. 10c.

**Finest Mixed**—Pkt. 10c.

**MAMMOTH—Golden Queen—Best Yellow.** Pkt. 10c.

**HYBRIDA DWARF COMPACTA ERECTA**—This is a distinct new type of Verbena, very compact, dwarf, and covered with flowers.

**Violet Bouquet**—Eight inches high and 8 inches in diameter, this plant produces a mass of flowers violet tinged with garnet, changing to deep violet as the flower gets older. Cream eye. Pkt. 20c.

**Fireball**—Brilliant crimson. Very erect. Pkt. 20c.

**Carmin Ball**—A perfectly symmetrical plant about 10 inches high and 12 across, completely covered with bright carmine flowers. Pkt. 20c.



**VALERIANA . Centranthus**

Showy, hardy border plants; producing large corymbs of red or white flowers; fine for bouquets; mixed; 2 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

**VENIDIUM**

**FASTUOSUM HYBRIDS**—This strain includes in addition to the deep orange monarch of the Veldt, which won an Award of Merit in the All American Selections of 1933, a wide range of new shades, including buff, lemon, cream, light orange, white and butter yellow flowers. Each petal is artistically marked at the base with a reddish brown dash producing an attractive center, colorful ring with each of those daisy-like flowers. The plants grow 2 or 3 feet tall and bloom over a long period. Its popularity is steadily increasing. Pkt. 25c.

**VERONICA . Speedwell**

A hardy perennial producing long spikes of brilliant blue flowers, excellent for growing in shady places requiring plenty of moisture.

**LONGIFOLIA**—Handsome heads of rich violet-blue. 2 feet. Pkt. 15c.

**VINCA . Madagascar Periwinkle**

Ornamental, free-blooming plants, with dark laurel-like foliage and handsome pink and white flowers. (The trailing blue Vinca or Myrtle propagates from plants only.) Mixed. Pkt. 10c.

**VIOLA CORNUTA . Tufted Pansies**

Violas or Tufted Pansies are beautiful, showy, and very satisfying subjects in beds, edging, rockeries, or for design work. They are free and continuous bloomers and like a good rich soil. Of compact growth, averaging 6 inches in height, these plants bloom the first year from seed.

**APRICOT**—A beautiful rich apricot shade, tinted orange toward the center. Pkt. 25c.

**JERSEY GEM (Blue Gem)**—Splendid violet blue, fine for cutting. Pkt. 25c.

**BLUE PERFECTION**—Light blue, large flower. Pkt. 10c.

**PURPLE QUEEN**—A fine lilac purple. Pkt. 10c.

**PAPILIO PURPLE**—A beautiful butterfly shaped flower in deep purple. Pkt. 10c.

**PAPILIO LIGHT BLUE**—Fine light blue with white eye. Pkt. 10c.

**YELLOW (Lutea Splendens)**—Fine yellow. Pkt. 10c.

**ALBA**—White. Pkt. 10c.

**MIXED**—All colors. Pkt. 10c.

**VIOLA ODORATA . Violet**

**SEMPERFLORENS BLUE**—A deliciously sweet fragrance radiates from these splendid medium sized blossoms of a rich violet blue color. Very popular in protected cool shady spots in the garden and highly prized as cut flowers. Pkt. 10c.

**VIRGINIAN STOCKS  
Cheiranthus Maritimus**

These splendid showy little hardy annual plants produce quantities of four petaled single flowers on plants 6 inches high. Their wealth of color in crimson, rose, white, pink and blue shades and their long blooming qualities make them popular favorites in gardens for edgings or for low borders.

**CRIMSON GEM**—A delightful new carmine crimson. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

**ROSE**—Beautiful rose shades. Pkt. 10c;  $\frac{1}{4}$  oz. 20c.

**WHITE**—Pkt. 10c;  $\frac{1}{4}$  oz. 15c.

**MIXED**—A splendid live glowing mixture of attractive color. Pkt. 10c;  $\frac{1}{2}$  oz. 25c.

**VISCARIA . Rose of Heaven**

Very showy and effective garden annual, producing freely throughout the summer large, single flowers in red, white and blue shades. Very bright and effective for beds and useful for cutting. Height 12 inches. Mixed. Pkt. 10c.

**WALLFLOWER**

Blooming early in the spring if given reasonable protection from winter frosts, these hardy annuals are always welcomed with their large spikes of spicy fragrant blossoms.

**Blood Red**

**Paris Brown**

**Creamy White**

**Golden Gem**

**Belvoir Castle**—Spotted yellow.

Pkt. 10c; 5 pkts. 40c;  $\frac{1}{4}$  oz. 30c.

**Finest Mixed**—Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

**DOUBLE EARLY WONDER MIXED**—Splendid mixture of large double flowers blooming within 90 days. Pkt. 15c;  $\frac{1}{8}$  oz. 40c.

**WISTARIA**

**CHINESE-FLOWERING**—Tall blue climber. Pkt. 15c.

**XERANTHEMUM . Everlasting, or  
Immortelle**

Bright and pretty "everlasting", with silvery foliage and silky flowers in pink, white and purple. **Double Mixed**, pkt. 10c;  $\frac{1}{4}$  oz. 25c.

**WILD FLOWER GARDEN MIXTURE**

A well-balanced mixture of hardy annuals, suitable for planting in odd corners and vacant lots. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.00.

**CUT FLOWER GARDEN MIXTURE**

This is made up of all sorts of annual blended to give a continuous succession of cut flowers from early summer until late fall. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.00.



*Zinnia, Giant Dahlia Flowered*





*Zinnia, Improved Lilliput*

## ZINNIAS

### New Giant Dahlia Flowered

For several years past we have been offering these wonderful new Zinnias. This new type of Zinnia far surpasses any that has been offered to the public in past years. The large size, fullness of petals, extraordinary color range, and good keeping qualities of this flower have all contributed to its popularity. The flowers are often 7 and 8 inches in diameter on good, stout stems. Plants are sturdy, very free blooming, and free from disease.

**EXQUISITE**—By far the most pleasing of our collection. Truly Dahlia-flowered as regards form and size. Color, light rose with center a deep rose. Tyrian rose. Pkt. 15c.

**OLD ROSE**—This is adequately described by its name, as it is of the real old rose shade; it is large, and for charm and beauty we consider it ranks next to Exquisite. Pkt. 15c.

**GOLDEN STATE**—A very rich orange yellow (cadmium yellow) in the bud, turning to an attractive orange when in full bloom. Pkt. 15c.

**CANARY YELLOW**—Rich canary yellow. Pkt. 15c.

**CRIMSON MONARCH**—By far the largest and best of red shades. Flowers often 8 inches in diameter. Plants very vigorous. A marvelous production of extraordinary merit. Pkt. 15c.

**GIANT ATTRACTION**—A distinct shade of brick red (spectrum red) which carries its color well from the bud, and forms into an immense ball of color when in full bloom. Pkt. 15c.

**SCARLET FLAME**—A large, beautiful, bright scarlet, with a delightful blending of orange throughout the petal. This is not a bi-color. Pkt. 15c.

**METEOR**—A rich, glowing deep red (spinel red) and the largest of all the red shades. Pkt. 15c.

**ORIOLE**—We consider this the most beautiful of its class. It is an immense orange and gold bi-color, changing slightly as it ages, but at all times worthy of the beautiful bird for which it is named. Pkt. 15c.

**DREAM**—A fine, deep lavender, turning to purple (mallow purple), a new desirable shade in Zinnias. Pkt. 15c.

**BUTTERCUP**—An immense deep creamy yellow. A very desirable flower, which should be included in every collection. Pkt. 15c.

**CANARY BIRD**—A delicate shade of primrose; very large and holds its color well until out of bloom. Pkt. 15c.

**POLAR BEAR**—A very large pure white. Pkt. 15c. Any of above separate shades,  $\frac{1}{8}$  oz. 35c;  $\frac{1}{4}$  oz. 60c.

**SPECIAL GOLD MEDAL MIXTURE**—A well blended mixture containing the above varieties. Pkt. 15c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{4}$  oz. 50c;  $\frac{1}{2}$  oz. 85c; oz. \$1.50. (Illustrated front cover.)

**COLLECTION** of 6 packets of any of the above, 75c.

### Zinnia, Scabious Flowered Mixture

Plants 2 to 2½ feet, bearing numerous novel medium sized flowers, remarkably resembling the annual Scabiosa. On a single corona of outside petals stands a semi-globular crown composed of a large number of small florets. A wide range of colors, including crimson, scarlet, orange, yellow, pink, white and purple. Pkt. 15c;  $\frac{1}{8}$  oz. 45c.

### Zinnia, Improved Lilliput or Pom Pom

This is the small pompon Zinnia and one of the most popular for borders, edging, etc.

**RED RIDING HOOD**—Grows but a foot high of compact form and covered the entire season with button-like intense scarlet, very double flowers, not over an inch across. Very effective for borders. Pkt. 10c;  $\frac{1}{4}$  oz. 30c.

**SALMON ROSE**—A very fine form of the above, flowers are especially desirable for cutting and used quite extensively by florists for this purpose. Pkt. 10c;  $\frac{1}{4}$  oz. 30c.

**ROSEBUD**—New rose pink.

**DEEP FLESH.**

**GOLDEN GEM**—Golden orange.

**CANARY YELLOW.**

**LILAC GEM.**

**WHITE GEM.**

Pkt. 10c;  $\frac{1}{4}$  oz. 30c.

**MIXED**—All colors. Pkt. 10c;  $\frac{1}{4}$  oz. 25c;  $\frac{1}{2}$  oz. 50c; oz. 85c.

### Zinnia Mexicana Perfecta

Bearing small double flowers of unusual colorings. Makes a beautiful border, 12 inches. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.

### Zinnia Fantasy

Fascinating, recent introduction of an informal shaggy appearing yet graceful and interesting flower. These heads of shaggy ray-like flowers appear in brightest shades of red, yellow, orange and pastel pink and cream. Mixed, pkt. 20c.

**STAR DUST**, see page 46.

### Zinnia, Tom-Thumb Mixture

Tom Thumb is the dwarfst Zinnia known. Plants are rounded and compact, 4 to 6 inches high, literally covered with well formed flowers of Lilliput type. Color range includes red, orange, yellow, pink, rose and other pastel shades. Ideal border plant, also well adapted for window box and pot work. Pkt. 20c.



# NURSERY STOCK

*F. Lagomarsino & Sons can supply you with all types and varieties of Nursery Stock. The listings on this page will give you an idea of our complete assortments. All Nursery Stock is quoted f. o. b. Sacramento.*

## APPLES

**4 to 6 feet, 55c each**

**Bellefleur**—Very large. One of the most prolific varieties.  
**Delicious**—Oct.-Nov. Large; dark red; long keeper.  
**Early Harvest**—July-August. Medium size, good bearer.  
**Gravenstein**—July-Aug. Vigorous tree. Popular early variety.  
**Newton Pippin**—Best winter apple in California.  
**Red Astrachan**—July-August. Large size, abundant bearer.  
**Spitzenberg**—Large, juicy, delicious rich flavor.  
**Winter Banana**—Oct.-Nov. Early bearer and very productive.

## APRICOTS

**4 to 6 feet, 50c each**

**Blenheim**—California's leading apricot for canning, drying and market. Large and oval.  
**Newcastle**—May-early June. Best early variety. Medium size, round.  
**Royal**—June. Standard variety for canning and drying.  
**Tilton**—July. Popular commercial variety for valley growing. Heavy regular bearer.

## CRABAPPLES

**4 to 6 feet, 55c each**

**Red Siberian**—August. Fruit small. Bears young and abundantly.

## CHERRIES

**4 to 6 feet, 50c each**

**Bing**—June. Best shipping variety. Large, deep maroon to black. Firm. Vigorous grower.  
**Black Republican**—Large size. Very good shipper. Ripens very late. Excellent pollinizer.  
**Black Tartarian**—Late May. Largest size. Unexcelled for flavor. Very productive.  
**Burbank**—May. Real early variety. Large; vigorous grower with dense foliage.  
**Lambert**—Late June. Largest size. Valuable for prolonging cherry season.  
**Royal Ann**—Standard canning variety. Very large. Rapid grower; prolific bearer.

## CHESTNUTS

**3 to 4 feet, \$1.50 each**

**Quercy**—Nuts large, round and glossy. Best commercial variety. Heavy bearer.

## ALMONDS

**4 to 6 feet, 50c each**

**Drake's Seedling**—Medium large. Medium soft shell. Late ripener. Important commercial variety.  
**IXL**—Large size. Soft shell. Good quality. A strong grower in most sections.  
**Ne Plus Ultra**—An early and heavy producer. Soft shell. Vigorous producer.  
**Nonpareil**—California's most popular variety. Medium size. Very thin shell. Good grower.

## FIGS

**4 to 6 feet, 50c each**

**Mission (Calif. Black)**—An old and popular variety. Bears immense crops.  
**Kadota**—Aug.-Sept. Best for canning, preserving and pickling. Medium size.  
**White Adriatic**—Aug. A standard variety for drying. Medium size, roundish.

## NECTARINES

**4 to 6 feet, 55c each**

**Gower**—July. Standard shipping variety. Extra large. Early and good bearer.  
**Stanwick**—Aug. California's leading all around variety. Heavy producer; large fruit.

## OLIVES

**Each, \$1.10**

**Oscolano**—Large Italian olive. Strong grower. Sells commercially as Queen Olive.  
**Manzanillo**—One of the best pickling olives. Early ripener. A regular prolific bearer.  
**Mission**—Hardy heavy producer. A popular oil variety. Medium size; fine flavor.

## PEACHES

**4 to 6 feet, 50c each**

### FREESTONE

**Alexander**—June. Leading early shipping variety. Medium to large size.  
**Early Crawford**—July. Long favorite. Large peach of excellent quality.  
**Elberta**—July. A favorite everywhere for shipping, drying and canning. Good bearer.  
**Hale's Early**—Early July. Popular for home orchard and local market.  
**J. H. Hale**—July. Best shipping peach on market. Extra large size.  
**Late Crawford**—August. Best eating peach. Ripens early. Highly recommended.  
**Mayflower**—Late May-June. Earliest variety. Medium size. Hardy.

### CLINGSTONE

**Orange**—Very large. Popular for home canning.  
**Peak**—Early August. Mid-summer canning peach. Widely planted variety.  
**Phillips**—September. Standard canning peach. Large, yellow, round.  
**Tuscan**—July. First of canning clings to ripen. Good size. Excellent for shipping.

## PLUMS

**4 to 6 feet, 50c each**

**Beauty**—June. Earliest commercial variety. Medium to large. Vigorous grower.  
**Climax**—Middle June. Finest eating plum. Large. Heavy producer.  
**Greengage**—Medium size, round. Highly recommended for canning.  
**President**—Sept. Excellent late shipping plum. Large. Good money-maker.  
**Santa Rosa**—Late June. California's leading shipping plum. Large size.  
**Satsuma**—Aug. Excellent for jams, etc. Ships and keeps well.  
**Tragedy**—July. Earliest European plum. Very rich and sweet.

## PRUNES

**4 to 6 feet, 65c each**

**French**—Grown extensively in California for drying. Prolific bearer.

## POMEGRANATES

**4 to 6 feet, 55c each**

**Wonderful**—The only variety of commercial value. Large; highly colored.

## PEARS

**4 to 6 feet, 50c each**

**Bartlett**—July-Aug. Most widely cultivated variety for fresh shipment, canning and drying.  
**Winter Nelis**—Nov.-Dec. Medium to large size. Exceedingly prolific.

## PERSIMMONS

**4 to 6 feet, \$1.25 each**

**Hacheya**—Considered the best variety. Large, oblong.

## QUINCE

**4 to 6 feet, 50c each**

**Pineapple**—Apple shaped; large, clear yellow.

## WALNUTS

**4 to 6 grade, \$1.50**

**Eureka**—Popular in northern California. Nuts are large and oblong.  
**Franquette**—Most important commercial variety. Large. Medium thin shells.  
**Mayette**—An abundant bearer. Large roundish nuts.  
**Payne Seedling**—Extremely early bearer. Important commercial variety. Large size; thin shell.

## BERRIES

**Cory Thornless Blackberry**—Excellent for home garden. Fruit is very large. 15c each.  
**Gooseberry**—Medium size berry of good quality. Popular commercial variety. 15c each.  
**Loganberry**—Large, dark red berry. Ships well. Excellent for canning, jams and jellies. 15c each.  
**Raspberries**—Choose from the following five most popular varieties for garden and commercial use: **La France**, **Cuthbert**, **St. Regis**, **Early King** and **Black King**. 10c each.  
**Youngberry**—Important both commercially and for home garden. Fruit is large, reddish black. Vigorous and prolific. 15c each.

## BOYSENBERRY

### The New Sensation!

The largest of all berries, being 1 inch through and 1½ inches long . . . of unequalled deliciousness and flavor. Heavy bearer, carrying the fruit in large clusters. A good idea of the profits that Boysenberries offer you can be gained from the fact that the regulation basket will hold only about half as many Boysenberries as Youngberries. 25c each; \$2.50 per doz.

## GRAPES

Choose from the following recognized standard varieties:

### Table and Raisin, 15c each

**Cornichon**—October.  
**Emperor**—September-October.  
**Gros Coleman**  
**Malaga**—September.  
**Muscat**—September.  
**Olivette Blanche**—September.  
**Rose of Peru**—September.  
**Thompson Seedless**—September.  
**Tokay**—September.  
**Ribier**

### Wine Varieties, 15c each

**Alicante Bouchet**—Black.  
**Carignane**—Black.  
**Mission**—Black.  
**Zinfandel**—Black.

### American Varieties, 20c each

**Catawba**, **Concord**, **Isabella**, **Niagara**.

## CITRUS TREES

**GRAPEFRUIT**—Marsh Seedless, \$1.50 each.  
**LEMON**—Eureka, \$1.50 each.  
**ORANGES**—Washington Navel, \$1.50 each. Valencia, \$1.50 each.



# MISCELLANEOUS GARDEN REQUISITES

(Prices are f. o. b. Sacramento. Write for quantity prices.)

## Bamboo Canes

These canes are painted green and are excellent for tying up flower plants, perennials, etc.

	Per10	Per100	Per1000
1½ feet .....	\$0.10	\$0.30	\$2.25
2 " .....	.10	.40	2.50
2½ " .....	.10	.45	2.75
3 " .....	.15	.50	3.00
3½ " .....	.15	.60	3.50
4 " .....	.15	.70	4.00
6 " Natural	.30	.75	6.50

**Note:** Six-foot length can not be mailed.

**Baskets, Wire Hanging**—Green enameled. Prices are f. o. b. Sacramento. If wanted by parcel post add 10c extra for each basket. 10-inch, 35c ea.; 11-inch, 50c; 13-inch, 60c; 15-in., 75c.

## Neponset Paper Flower Pots, Round

	Per10	Per100	Per1000
2½-inch .....	\$0.10	\$0.75	\$6.00
3 " .....	.15	1.00	8.25
4 " .....	.20	1.50	13.50
5 " .....	.25	2.25	20.00

**Gopher Traps, Macabee** — The well known wire trap that fits the gopher hole. 25c each; postpaid, 30c each.

## Pot Labels—Painted

	Weight	Per1000	Per100	Per1000
4-inch	3½ lbs.		\$0.35	\$2.50
5-inch	4 lbs.		.35	2.50
6-inch	4½ lbs.		.40	3.00
8-inch	10 lbs.		.70	6.00
10-inch	12 lbs.		.90	8.00

## Tree Labels—Painted

	Per100	Per1000
3½-in. Copper Wired.	\$0.40	\$2.75

## Tree Labels—Plain

	Per100	Per1000
3½-in. Copper Wired.	\$0.35	\$2.50

**Raffia**—Extra long strands, fine for tying bouquets, nursery stock, vegetables, etc. Lb. 40c; 10 lbs. \$3.00. Write for prices in larger quantities.

## Stakes, Painted Green

Excellent for tying dahlias, roses, etc. Add postage as per weights given.

3-ft., wt. 4 lbs.	\$0.75 doz.
4-ft., wt. 6 lbs.	.90 doz.
5-ft., wt. 7 lbs.	1.00 doz.
6-ft., wt. 9 lbs.	1.10 doz.

## Seeders, Broadcast

**Genuine Cahoon**—A splendid broadcast seeder, wire bound, steel hopper, made of very best material throughout. \$5.50 f. o. b. Sacramento. Weight 8 pounds.

**Cyclone**—Used extensively for seeding lawn courses, etc. \$2.25 each.

## Tree Protectors

Yucca fibre. Will not split.

Lgth.	Wdth.	Wt. per	Prices		
			100	25	50
24-in.	7-in.	22	\$0.75	\$1.20	\$2.20
18-in.	7-in.	13	.65	1.00	1.80
16-in.	7-in.	12	.60	.95	1.65
14-in.	7-in.	10	.55	.90	1.55
12-in.	7-in.	9	.50	.85	1.45



**Antrol** — An effective control for the honey loving species of ants. Antrol ready-filled set containing 4 filled feeders, 40c. Regular set of 4 containers and 4 ozs. of Syrup 65c. Antrol Syrup, 4 oz. bottle 20c; pt. 50c; gallon \$2.75.

**Taps** — Gets rid of snails, sowbugs, earwigs, cutworms and grasshoppers. Container has new Zip-o-Pen Spreader Spout, for convenient spreading. 1½-lb. pkg. 25c; 4-lb. 60c; 15-lb. \$1.95; 50-lb. \$4.50.

**Dogzoff**—It will save you many annoyances and much damage. It is recommended for dogs, cats, moles, mice, rabbits, etc. Dogzoff will afford you freedom from these various pests. Dogzoff is very efficient and a little goes a long way. Bottle, 65c.

**Antrol Ant Powder** — This new improved powder kills ants, roaches, silverfish and other pests quicker by actual test. Packed in handy shaker, twist-top can. Recommended for quick temporary relief in apartments, camps, summer homes, etc. 2-oz. can 15c; 4-oz. can 25c.



**Snarol** — An effective bait for controlling cutworms, grasshoppers, snails, slugs, and sowbugs. Not injurious to plants. 1½ lb. 25c; 4 lbs. 60c; 15-lb. bag \$1.95; 50-lb. bag \$4.50.



**Squirrel Poison, Moore's**—(Grain) A certain and specific destruction of gophers, squirrels, crows and mice. Small size 50c; medium size \$1.00; gallon size \$1.90; 5 gallon drums \$5.50. Cannot be mailed.

## The Expan Planting Pot

Made of heavy tar paper. Open top and bottom. For propagating plants, trees and shrubs—no waste space—no breakage. For the nurseryman, florist and market gardener. You can grow melons, squash, cantaloupes, cucumbers, etc., three weeks earlier in these pots than out in the open. When setting the plants in the field plant the pot and all, leaving about one inch above the top of the soil; this protects the tender plant from cut worms, wire worms, moles and field mice.

	Weight	Price	
	Per1000	Per1000	Per100
3 x 4 .....	44 lbs.	\$6.25	\$1.35
2 x 8 .....	58 lbs.	8.00	1.45
2 x 6 .....	44 lbs.	6.25	1.35
2 x 4 .....	29 lbs.	4.00	1.00
2 x 3 .....	22 lbs.	3.75	.75
1½ x 5 .....	28 lbs.	4.60	1.00
1½ x 4 .....	22 lbs.	3.75	.75

All prices f. o. b. Sacramento.

## Tree Seal

A grafting or pruning compound used just as it comes from the can — no bother about heating, etc. Tree Seal is applied cold from the can; all it requires is the addition of water to make the proper consistency.

Tree Seal is acid and alkali resistant. It can also be used in other ways such as roof repairs, either metal, wood or paper, waterproofing cement, and treating posts, lumber or metal for use underground.

This material can be mailed. One pint can 30c; 1 quart can 50c; 1 gallon can \$1.80, f. o. b. Sacramento.

# HOT CAPS

## Sage Hi Caps

*They protect plants from frost, wind, rain, insects, and ground crusting, thereby producing quicker crops.*

**SAGE HI CAPS** represent a big improvement in hot caps. These caps are stronger and taller, and will accommodate a wider variety of plants including tomatoes and peppers. The ventilation hole in the top also affords opportunity for dusting without disturbing the cap. We are confident you will be more than satisfied with these splendid hot caps.

## Packed in Flat Envelope Setter

20 Caps, per envelope...	\$ .50
50 Caps, per envelope...	1.00

## Packed in Carton

250 Caps, per carton....	3.75
1000 Caps, per carton....	8.00
Light weight Aluminum Setter, each .....	1.50



# INSECTICIDES and FUNGICIDES

Prices on Insecticides and Fungicides are f. o. b. Sacramento unless otherwise noted. Write for quantity prices

**Arsenate of Calcium**—An accepted remedy for the Cotton Boll Weevil and Alfalfa Weevil. 4 lbs. 60c; 1 lb. 30c.

**Arsenate of Lead**—Kills insects quickly without injury to fruit or foliage. 4 lbs. 75c; 1 lb. 35c.

**Dry Lime Sulfur**—The original Dry Lime Sulfur. A superior lime sulfur spray for the control of many scale insects and fungus diseases of fruit trees, nuts and bush fruits. 5-lb. cans \$1.25; 1-lb. cans 35c.

**Fungi-Bordo**—The best remedy for blotch, bitter rot and anthracnose of apples; apricot brown rot, cherry leaf spot, tomato leaf spot, blight and leaf hoppers of potatoes, celery blight and many other fungus diseases. 4-lb. bag 50c; 1-lb. carton 30c.

**Dusting Sulphur**—Mildew is more easily prevented than cured and there is no better preventative than Anchor Brand Sulphur. 1 lb. 15c; 3 lbs. 35c; 5 lbs. 50c.

**Pruning Compound**—For covering fresh cuts or bruises on trees and is particularly valuable for figs, walnuts, etc. Pint 40c; quart 70c; gallon \$2.00. (See also Tree Seal, page 96.)

**Nico Garden Dust**—A dry powder insecticide killing by fumes as well as by contact. For general use in the garden, controlling slugs, aphids and many other pests. 12-oz. pkg. 40c; 5-lb. pkg. \$1.75.

**Nico Dust No. 10**—10% Black Leaf 40. 1-lb. pkg. 45c; 5-lb. pkg. \$1.60. Send for Nico Dust Insecticide Chart.

**Cryodust**—For chewing Insects. Unusually effective for diabrotica beetles on melons and flea beetles on tomatoes. Also for worms on tomatoes, lettuce, cabbage, cauliflower, peas, corn, celery—in fact, all vegetable crops. 12 oz. 35c; 5 lbs. 65c.

**Volck, "Nursery"**—It is effective on practically all insects on ornamental and flowering plants, red spider, aphids, scale, mealy bug, etc. ½ pt. 40c; 1 pt. 55c; 1 qt. 80c; 1 gal. \$2.00; 5 gals. \$6.75.

**Volck, "Garden"**—Contains volck, nicotine and soap; for mealy bug, scale, red spider, white fly, aphids, etc. 3½ oz. 35c; pint 90c; quart \$1.25; gallon \$3.00.

**Tree Tanglefoot**—A stick substance that may be applied to the bark of trees to protect them from all climbing insects. Lb. can 60c; 5 lbs. \$2.75; 10 lbs. \$5.25, f. o. b. Sacramento.

**Black Leaf 40**—A 40% nicotine solution for the control of plant lice or aphids on roses and other garden plants. A 1-ounce bottle of Black Leaf 40 will make 6 gallons of spray. Full directions on the package. 1-oz. bottle 35c; 5-oz. bottle \$1.00; 1-lb. bottle \$2.25; 2-lb. tin \$3.35; 10-lb. tin \$9.85.

**Evergreen**—A non-poisonous spray that can be malled. Evergreen is recommended for use against both sucking and chewing insects such as plant lice, cabbage worms, cut worms, thrip, cucumber beetle, rose chafer,

red spider, mealy bugs, etc. 1 ounce makes 9 gallons spray, 35c; 6 ounces makes 38 gallons spray, \$1.00.

**Nitrate of Soda**—Should be used very carefully, one tablespoonful to a gallon of water. Produces foliage abundantly. 1 lb. 10c; 3 lbs. 25c; 10 lbs. 60c; 25 lbs. \$1.25.

**Cyanogas A-Dust**—For the control of large red ants, gophers, etc. 4 oz. 30c; 1-lb. pkg. 75c; 5-lb. pkg. \$2.50.

**Semesan**—A seed, plant and soil disinfectant. It will successfully prevent or control diseases of seeds without in the least impairing their vitality. 2-oz. tin 50c; 1 lb. \$2.50; 5 lbs. \$11.75.

**Semesan Bel**—Semesan Bel will prevent or control the common seed-borne potato diseases. Also very effective in treatment of Gladioli and other bulbs, and produces healthier plants. 4 oz. 50c; 1 lb. \$1.65; 5 lbs. \$7.00.

**Semesan Jr.**—A less expensive but equally effective form of Semesan for dry dust disinfection of seed corn only. Controls diseases and at the same time increases yields from 10 to 40%. 4 oz. 35c; 1 lb. \$1.00; 5 lbs. \$4.75.

## LAGO DERODUST . A Rotenone Product

This new material has come to the front rapidly in the last few years, particularly for the control of aphids, thrip, worms, etc. It has been found to be more effective than other materials against these pests. Does not have the objectionable features of many other materials, both in the application of this dust and the effect on the plants.

1 lb. ....	\$ .35	50 lbs. ....	\$ 7.00
4 lbs. ....	.75	100 lbs. ....	13.50

## FERTILIZERS

Prices quoted f. o. b. Sacramento. If interested in quantities larger, write for prices and we will quote the current prices on quantity lots.

### BEARMOR . The Modern Plant Food

Plants being living, growing things, require certain food materials. Bearmor not only supplies these important essential items which are so often lacking in the soil, but supplies them in the proper proportions. Thus Bearmor is termed a Balanced Plant Food. Vegetable gardens need liberal amounts to produce healthy, rapid succulent growth. Flowers also need abundant food in order to insure vigorous, colorful blooms. Proper application of Bearmor will keep your lawns in a beautiful state the year around. Instructions for application are in every bag.

8 oz. Package.....	\$ .10	25 lbs. Bag.....	\$1.50
2 lb. Package.....	.35	50 lb. Bag.....	2.25
10 lb. Package.....	.75	100 lb. Bag.....	4.00

**Lago Rose Meal**—A specially prepared mixture containing high quality bone meal finely ground and steamed so as to make it quicker in its action. We have also added high quality blood meal to this mixture which makes it one of the finest fertilizers for roses, chrysanthemums, carnations, shrubs and also young fruit trees when first set out. 25-lb. bag \$1.75.

**Vigoro**—A complete fertilizer suitable for lawns, gardens, etc. 1 lb. 10c; 5 lbs. 45c; 10 lbs. 85c; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.00.

**Bonemeal**—Recommended to apply around fruit trees and shrubbery when first set out. Gives the plants a good start and insures strong growth. Also for roses. 25-lb. bag \$1.

**Hydrated Lime**—The constant watering of lawns tends to sour the soil and eventually the lawn becomes foul with sorrel, Creeping Charlie, and other weeds which thrive in an acid soil. This condition may be improved by applying Hydrated Lime. 10-lb. bag 25c; 50-lb. bag \$1.00; 100-lb. bag \$1.50.

**Gypsum**—Gypsum brings about a mechanical change in the soil by making it more pervious to water and air. Very heavy adobe soils are much improved with an application of Gypsum which loosens it and this condition tends to prevent packing and baking. 100-lb. sack \$1.25; 5 sacks \$1.10 per sack.

**Sheep Manure**—Lago Brand sheep manure. It may be used for mulching lawns or as a fertilizer and the results are very satisfactory. 80-lb. bag \$1.25.

**Stim-U-Plant**—A concentrated fertilizer in tablet form. Excellent for house plants. Full directions with each package. 10 tablets 10c; 30 tablets 25c; 100 tablets 75c, postpaid.

**Sulphate of Ammonia**—A fine fertilizer for lawns. Best applied in liquid form. 3 lbs 25c; 10 lbs. 70c.

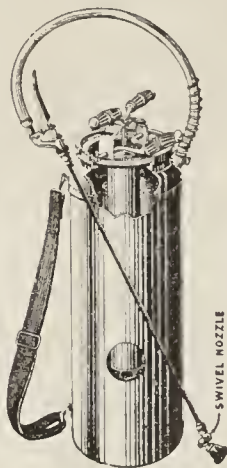
**Peat Moss (Imported Swedish)**—An excellent material for many purposes—such as mulching, covering of seed beds, for applying in flower beds, etc., to keep soil from baking and also for loosening heavy soils. One bale covers 360 square feet 1 inch deep. \$2.75





## BROWN'S SPRAYERS AND DUSTERS

Note the many new features of this New Open-Hed Sprayer: Electrically welded seams make it a practically seamless "one-piece" tank. . . Galvanized After Tank is fabricated, completely coated inside and out—all seams and joints locked with hot galvanize. . . . Double Acting Pump Lock, is quickly, easily and safely locked or unlocked. . . Tank Opening is 5 inches in diameter, can easily be wiped dry to lengthen life of sprayer. . . . Tank guaranteed for 100 lbs. pressure. . . . Rubber Double Grip Pump Handle, both hands can be used for pumping. . . . Pump Unit completely assembled. . . . Swivel Nozzle, can be adjusted to any angle. Will handle all types of spraying solutions. Fully guaranteed.



No. 9C, Copper, 4-gal. Capacity.....\$8.50—\$8.75 Postpaid  
No. 9A, Galvanized, 4-gal. Capacity..\$5.50—\$5.75 Postpaid

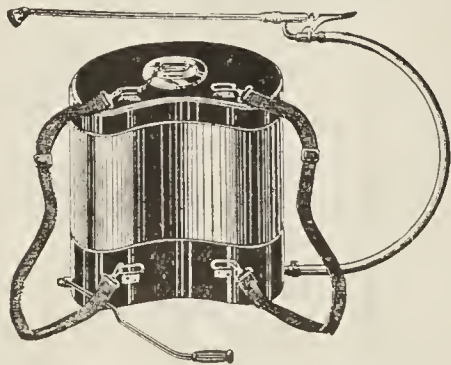


An inexpensive, small capacity sprayer with these fine features: Funnel Shaped Filler Opening, for easier filling—tank can be drained absolutely dry. . . . Long life, of air sealing gasket insured in pump top construction. . . . Riveted and Soldered Seam for greater strength. . . . All Metal Check Valve for durability, seamless brass pump. . . . All Metal Shut-off, with ground valve seat and brass stem—will outlast other type shut-offs. . . . Drain Dry Feature, prolongs life of sprayer. . . . Non-Clog Nozzle, insures free liquid flow.

The Blue Ribbon, Jr. (not illustrated) is of the same type as the above sprayer, but is of only 2 gallons capacity. An excellent economical sprayer of small capacity.

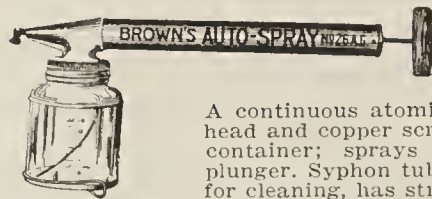
The Challenger (not illustrated) is a more economical compressed air sprayer of 3½ gallons capacity. Fully equipped; will handle all spraying solutions.

No. 37D, Junior Galvanized.....\$4.00—\$4.25 Postpaid  
No. 37D, Galvanized, 3½-gal.....\$4.50—\$4.75 Postpaid



A new Vermorel type sprayer, made of either brass or galvanized steel, which easily maintains about 40 lbs. pressure by slowly moving pump lever up and down when sprayer is on operator's back. Has large diaphragm pump to maintain constant pressure. Easily filled through large filler opening in tank top. Has long ¾-in. 5-ply spray hose, with automatic shut-off, 25-in. angle extension and screen. Non-clog nozzle. Carrying straps are extra wide so that they will not cut into shoulders. Capacity, full 4 gallons.

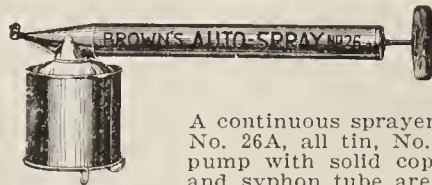
Gold Medal B, Brass Tank.....\$14.50—\$15.00 Postpaid  
Gold Medal D, Galvanied Tank ....\$12.50—\$13.00 Postpaid



A continuous atomizer made with brass head and copper screw cap holding glass container; sprays in both strokes of plunger. Syphon tube is quickly removed for cleaning, has straight and angle nozzles with lock nut for securing angle nozzle at correct angle. Valve is easily accessible for cleaning. Capacity, one quart.

For all spraying purposes; in the garden, for use in greenhouse, for spraying disinfectants, insecticides, etc.

No. 26 A. G.....\$1.25—\$1.35 Postpaid

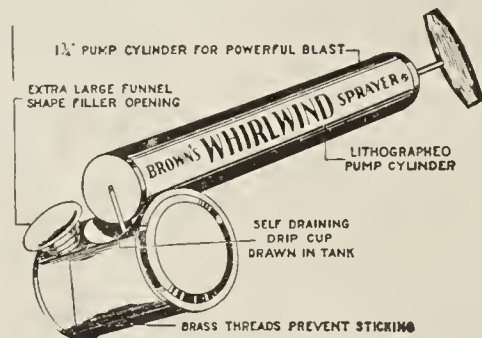


A continuous sprayer. Made in two styles. No. 26A, all tin, No. 26D, seamless brass pump with solid copper container. Valve and syphon tube are easily cleaned. Has straight and angle nozzles with lock nut for securing angle nozzle at proper angle. Will handle all disinfectants, insecticides, fly sprays, etc. Capacity, 1 qt.

No. 26A .....\$0.75—\$0.85 Postpaid  
No. 26D .....\$1.65—\$1.75 Postpaid

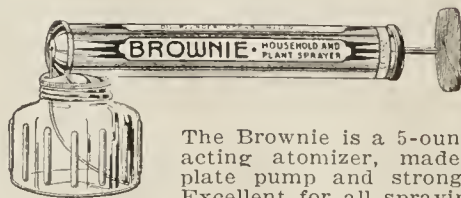


The Crystal Duster is one of the best hand dusters made. Made with heavy tin pump, glass container, efficient agitator and long extension with fan-shaped spreader nozzle. The volume of dust expelled may be controlled by the force used in pumping. Agitator keeps dust in constant motion and breaks all lumps; dust will not adhere to glass container. \$1.25—\$1.40 Postpaid.



A single action atomizer of one quart capacity, made entirely of heavy tin plate with brass filled thread to prevent cap from rusting in container. Designed to handle all insecticides, disinfectants, fly oils, cattle sprays, etc.

\$0.40—\$0.50 Postpaid



The Brownie is a 5-ounce capacity single acting atomizer, made with heavy tin plate pump and strong glass container. Excellent for all spraying purposes.

\$0.15—\$0.25 Postpaid



The No. 5 Auto Spray is one of the best bucket pumps manufactured. It is constructed entirely of brass, with bronze ball valves. It is double acting, spraying on both strokes of the plunger, and will generate a pressure of over 250 pounds with very little effort. For spraying trees, shrubs, vines, field crops, for whitewashing, for spraying disinfectants, etc.

Can be supplied with 5-gallon knapsack; made of strong galvanized steel, which is easily carried on the back.

\$3.75—\$4.00 Postpaid



# VEGETABLE CALENDAR FOR THE HOME GARDEN

97

VARIETY	No. of Plants Per Ounce of Seed	Seed for 50 Feet	Rows Apart	Apart in Rows	Time of Planting	Ready For Use
Artichoke.....	200	12 plants	4 ft.	4 ft.	Dec. to April	5 mo.
Asparagus.....	150	50 roots	20 in.	1 ft.	Dec. to April	2nd spring
Beans, Bush.....	50 to 100	2 pkts.	2 ft.	6 in.	March to Sept.	8 to 12 wks.
Beans, Pole.....	50 to 100	2 pkts.	3 ft.	12 in.	April to Aug.	10 to 12 wks.
Beans, Lima.....	30 to 60	¼ lb.	2 ft.	10 in.	April to Aug.	12 to 14 wks.
Beets.....	300	1 pkt.	10 in.	6 in.	All year	10 to 12 wks.
Cabbage.....	2000	36 plants	20 in.	15 in.	All year	14 to 16 wks.
Carrot.....	1500	1 pkt.	10 in.	Sow	All year	8 to 10 wks.
Cauliflower.....	2000	30 plants	20 in.	18 in.	Sept. to March	14 to 16 wks.
Celery.....	.....	100 plants	20 in.	6 in.	March to Aug.	16 to 18 wks.
Corn, Sweet.....	100	1 pkt.	2 ft.	18 in.	March to Aug.	10 to 12 wks.
Cucumber.....	200	1 pkt.	4 ft.	3 ft.	March to Sept.	10 to 12 wks.
Endive.....	1000	1 pkt.	1 ft.	10 in.	Sept. to March	14 to 12 wks.
Eggplant.....	500	24 plants	2 ft.	2½ ft.	April to July	10 to 12 wks.
Kale.....	1000	30 plants	2 ft.	18 in.	All year	8 to 10 wks.
Kohl Rabi.....	1000	1 pkt.	10 in.	Sow	All year	10 to 12 wks.
Lettuce.....	200	1 pkt.	15 in.	10 in.	All year	12 to 16 wks.
Muskmelon.....	200	1 pkt.	4 ft.	3 ft.	March to July	14 to 18 wks.
Watermelon.....	100	1 pkt.	6 ft.	4 ft.	March to July	16 to 20 wks.
Okra.....	150	1 pkt.	2 ft.	18 in.	April to July	10 to 12 wks.
Onion Seed.....	500	1 pkt.	10 in.	Sow	All year	24 to 28 wks.
Onion Sets.....	.....	1 lb.	10 in.	3 in.	All year	14 to 18 wks.
Parsnips.....	300	½ ounce	2 ft.	Drill	Aug. to March	14 to 18 wks.
Parsley.....	400	1 pkt.	10 in.	Sow	All year	12 to 14 wks.
Pepper.....	1000	30 plants	20 in.	18 in.	April to July	10 to 12 wks.
Potatoes.....	.....	5 lbs.	2 ft.	1 ft.	March to Aug.	12 to 14 wks.
Sweet Potatoes.....	.....	50 plants	3 ft.	1 ft.	April to July	10 to 12 wks.
Pumpkin.....	100	1 pkt.	6 ft.	5 ft.	April to July	12 to 14 wks.
Peas.....	50	¼ lb.	2 ft.	Sow	Sept. to March	14 to 20 wks.
Radish.....	500	1 pkt.	10 in.	Sow	All year	4 to 8 wks.
Rhubarb Roots.....	.....	24 roots	3 ft.	2 ft.	Dec. to March	8 to 10 wks.
Roselle.....	150	1 pkt.	3 ft.	2 ft.	April to May	18 to 20 wks.
Salsify.....	200	1 pkt.	10 in.	Sow	Sept. to March	14 to 18 wks.
Spinach.....	200	1 pkt.	12 in.	Sow	Sept. to April	8 to 12 wks.
Squash, Summer.....	100	1 pkt.	3 ft.	3 ft.	April to Aug.	10 to 12 wks.
Squash, Winter.....	100	1 pkt.	6 ft.	4 ft.	April to Aug.	12 to 16 wks.
Tomato.....	1000	18 plants	4 ft.	3 ft.	March to Aug.	12 to 14 wks.
Turnip.....	2000	1 pkt.	10 in.	Sow	Sept. to March	10 to 12 wks.

## VEGETABLE CALENDAR FOR FIELD PLANTING

VARIETY	Seed Per Acre	Row Apart	Apart in Row	When to Plant	Time to Mature
Artichoke.....	1 lb.	5 ft.	4 ft.	Oct. to Jan.	18 to 20 wks.
Asparagus, Roots.....	11,000	4 ft.	1 ft.	Dec. to Feb.	1 year
Asparagus, Seed.....	3 lbs.	2 ft.	Drill	Feb. to March	2 years
Beans, Bush.....	40 lbs.	2 ft.	Drill to 6 in.	March to Aug. 1	8 to 12 wks.
Beans, Pole.....	30 lbs.	3 ft.	12 in.	April to July 1	10 to 12 wks.
Lima, Bush.....	50 lbs.	32 in.	Drill to 6 in.	April to Aug. 1	10 to 12 wks.
Lima, Pole.....	40 lbs.	3 ft.	12 in.	April to Aug. 1	12 to 14 wks.
Beets, Table.....	10 lbs.	Double row	Drill	All year	10 to 12 wks.
Beets, Stock.....	8 lbs.	16 in.	Drill	Oct. to May 1	14 to 18 wks.
Carrots, Table.....	3 lbs.	Double row	Drill	All year	10 to 12 wks.
Carrots, Stock.....	3 lbs.	16 in.	Drill	Oct. to May 1	12 to 18 wks.
Cabbage, Plants.....	8,000	30 in.	18 in.	All year	14 to 16 wks.
Cabbage, Seed.....	5 oz.	8 in. seed bed	Drill	All year	20 to 26 wks.
Cauliflower, Plants.....	7,000	3 ft.	2 ft.	May to Feb. 1	14 to 16 wks.
Cauliflower, Seed.....	5 oz.	8 in. seed bed	Drill	May to Feb. 1	20 to 24 wks.
Celery, Plants.....	30,000	30 in.	6 in.	March to Aug. 1	16 to 18 wks.
Celery, Seed.....	¼ lb.	8 in. seed bed	Drill	March to Aug. 1	24 to 26 wks.
Corn, Sweet.....	10 lbs.	3 ft.	18 in.	March 1 to Aug. 1	10 to 12 wks.
Cucumbers.....	2 lbs.	4 ft.	3 ft.	March to Sept. 1	10 to 12 wks.
Endive (Chicoree).....	2 lbs.	Double row	Drill and thin to 10 in.	Sept. to Feb. 1	14 to 18 wks.
Eggplant, Plants.....	7,000	3 ft.	2 ft.	April to July 1	10 to 12 wks.
Eggplant, Seed.....	¼ lb.	Hot bed	8 in.	Dec. to Feb. 1	18 to 20 wks.
Kale.....	2 lbs.	3 ft.	Drill	Sept. to March 1	8 to 10 wks.
Kohl Rabi.....	2 lbs.	Double row	Drill	Sept. to March 1	10 to 12 wks.
Lettuce.....	2 lbs.	Double row	Drill and thin to 10 in.	All year	12 to 15 wks.
Muskmelon.....	1 lb.	6 ft.	4 ft.	Feb. 15 to June 15	14 to 18 wks.
Watermelon.....	1 lb.	9 ft.	8 ft.	Feb. 15 to June 15	16 to 20 wks.
Casaba.....	1 lb.	8 ft.	8 ft.	Feb. 15 to June 15	16 to 20 wks.
Okra.....	6 lbs.	3 ft.	18 in.	March to Aug. 1	10 to 12 wks.
Onion Seed.....	2 lbs.	Double row	Drill	Sept. to April 1	24 to 28 wks.
Onion Sets.....	250 lbs.	Double row	4 in.	Dec. to Feb. 1	14 to 18 wks.
Parsley.....	4 lbs.	Double row	Drill	Aug. to April 1	12 to 14 wks.
Parsnip.....	5 lbs.	2 ft.	Drill	Aug. to March 1	14 to 18 wks.
Peas.....	50 lbs.	30 in.	Drill to 6 in.	Sept. to March 1	14 to 20 wks.
Pepper, Plant.....	9,000	3 ft.	18 in. or drill seed in	April to June 1	10 to 12 wks.
Pepper, seed field planting.....	1	3 ft.	Field and thin to 18 in.	Jan. to April 1	18 to 20 wks.
Pepper seed in seed bed.....	6 oz.	8 in.	Drill	Jan. to April	
Potatoes, Irish.....	600 lbs.	3 ft.	1 ft.	Feb. to Sept. 1	10 to 14 wks.
Potatoes, Sweet, Plants.....	12,000	3 ft.	1 ft.	April to July 1	10 to 12 wks.
Potatoes, Sweet, Seed.....	400 lbs.	Hot bed		Jan. to Feb. 1	18 to 20 wks.
Pumpkin.....	1 lb.	10 ft.	10 ft.	April to July 1	12 to 14 wks.
Radish.....	12 lbs.	Double row	Drill	All year	4 to 8 wks.
Rhubarb, Roots.....	5,445	4 ft.	2 ft.	Sept. to April 1	8 to 10 wks.
Rhubarb, Seed.....	½ lb.	Double row	Drill	Jan. to April 1	16 to 20 wks.
Roselle.....	3 lbs.	5 ft.	3 ft. thin to 1 plant	April to May	18 to 20 wks.
Spinach.....	12 lbs.	Double row	Drill to 6 in.	Oct. to April 1	8 to 12 wks.
Squash, Summer.....	2 lbs.	4 ft.	3 ft.	March to Aug. 1	10 to 12 wks.
Squash, Winter.....	1½ lbs.	10 ft.	6 ft.	April to Aug. 1	12 to 14 wks.
Salsify.....	6 lbs.	Double row	Drill	Sept. to April 1	14 to 18 wks.
Tomato, Plants.....	1,200	6 ft.	6 ft.	March to Aug. 1	12 to 14 wks.
Tomato, Seed.....	2 oz.	Hot bed, Jan.	Out door drill 10 in.	March to June 1	18 to 20 wks.
Turnip.....	3 lbs.	Double row	Drill	All year	10 to 12 wks.



FLOWER PLANTING CHART

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Abronia.....			X	X	X	X	X						Iceplant.....			X	X	X	X	X					
Abutilon.....		X	X	X	X	X	X						Iberis.....		X	X	X	X	X	X					
Aconitum.....		X	X	X	X	X	X		X	X	X		Impatiens.....			X	X	X	X	X					
Acroclinium.....			X	X	X	X	X						Ipomoea.....			X	X	X	X	X					
Ageratum.....		X	X	X	X	X	X						Kenilworth Ivy.....		X	X	X	X	X	X					
Ammobium.....			X	X	X	X	X						Kochia.....			X	X	X	X	X					
Alyssum.....		X	X	X	X	X	X		X	X	X		Kudzu Vine.....		X	X	X	X	X	X					
Achillea.....		X	X	X	X	X	X		X	X	X		Lantana.....			X	X	X	X	X					
Adonis.....			X	X	X	X	X						Larkspur.....			X	X	X	X	X					
Agrastemma.....		X	X	X	X	X	X		X	X	X		Lathyrus Latifolius....		X	X	X	X	X	X					
Amaranthus.....			X	X	X	X	X						Lavatera.....			X	X	X	X	X				X	X
Anchusa.....		X	X	X	X	X	X		X	X	X		Lavender.....		X	X	X	X	X	X				X	X
Anemone.....		X	X	X	X	X	X		X	X	X		Lemon Verbena.....		X	X	X	X	X	X				X	X
Antirrhinum.....		X	X	X	X	X	X		X	X	X		Leptosyne Maritima...			X	X	X	X	X				X	X
Aquilegia.....		X	X	X	X	X	X		X	X	X		Leptosephon.....			X	X	X	X	X				X	X
Arabis.....		X	X	X	X	X	X		X	X	X		Lilium Regale.....		X	X	X	X	X	X				X	X
Argemone.....			X	X	X	X	X						Linaria Maroccana....	X	X	X	X	X	X	X				X	X
Armeria.....		X	X	X	X	X	X		X	X	X		Linum.....			X	X	X	X	X				X	X
Aristolochia.....		X	X	X	X	X	X		X	X	X		Lupinus.....		X	X	X	X	X	X				X	X
Asparagus Fern.....		X	X	X	X	X	X			X	X		Lychnis.....		X	X	X	X	X	X				X	X
Asters.....			X	X	X	X	X						Marvel of Peru.....		X	X	X	X	X	X				X	X
Asters, Perennial.....		X	X	X	X	X	X		X	X	X		Matricaria.....		X	X	X	X	X	X				X	X
Arctotis.....			X	X	X	X	X						Mimosa.....			X	X	X	X	X				X	X
Australian Pea Vine...		X	X	X	X	X	X		X	X	X		Marigold.....			X	X	X	X	X				X	X
Balloon Vine.....			X	X	X	X	X						Mignonette.....			X	X	X	X	X				X	X
Browallia.....			X	X	X	X	X						Mina.....			X	X	X	X	X				X	X
Balsams.....			X	X	X	X	X						Momardica.....			X	X	X	X	X				X	X
Begonia.....		O	X	X	X	X	X						Mimulus.....			X	X	X	X	X				X	X
Bells.....		X	X	X	X	X	X		X	X	X		Myosotis.....		X	X	X	X	X	X				X	X
Brachycome.....			X	X	X	X	X						Nasturtiums.....			X	X	X	X	X				X	X
Cacalia.....			X	X	X	X	X						Nemophila.....		X	X	X	X	X	X				X	X
Calceolaria.....		O	X	X	X	X	X		X	X			Nicotinia.....			X	X	X	X	X				X	X
Calendula.....	X	X	X	X	X	X	X		X	X	X	X	Nigella.....			X	X	X	X	X					
Calliopsis.....			X	X	X	X	X						Oenothera.....		X	X	X	X	X	X					
Campanula.....		X	X	X	X	X	X		X	X	X		Pansies.....	X	X	X	X	X	X	X				X	X
Candytuft.....			X	X	X	X	X						Passiflora.....		X	X	X	X	X	X				X	X
Canary Bird Vine.....			X	X	X	X	X						Pentstemon.....		X	X	X	X	X	X				X	X
Carnations.....		X	X	X	X	X	X		X	X	X		Petunias.....			X	X	X	X	X				X	X
Canna.....			X	X	X	X	X						Phlox, Perennial.....		X	X	X	X	X	X				X	X
Cardinal Climber.....			X	X	X	X	X						Phlox, Annual.....			X	X	X	X	X				X	X
Celosia.....			X	X	X	X	X						Portulaca.....			X	X	X	X	X					
Cineraria.....	O	O	X	X	X	X	X		X	X	X		Physallis.....			X	X	X	X	X					
Cheiranthus.....		X	X	X	X	X	X		X	X	X		Physostegia.....		X	X	X	X	X	X				X	X
Centaurea.....			X	X	X	X	X						Platycodon.....		X	X	X	X	X	X				X	X
Chrysanthemums.....			X	X	X	X	X						Poppies, Annual.....			X	X	X	X	X				X	X
Clarkia.....		X	X	X	X	X	X		X	X	X		Poppies, Perennial....		X	X	X	X	X	X				X	X
Cobaea Scandens.....			X	X	X	X	X						Poppy, Calif.....	X	X	X	X	X	X	X				X	X
Coleus.....			X	X	X	X	X		X	X	X		Primula.....			X	X	X	X	X				X	X
Coreopsis.....		X	X	X	X	X	X		X	X	X		Primroses.....		X	X	X	X	X	X				X	X
Cosmos.....			X	X	X	X	X						Pyrethrum.....		X	X	X	X	X	X				X	X
Cowslip.....		X	X	X	X	X	X		X	X	X		Ranunculus.....		X	X	X	X	X	X				X	X
Cyclamen.....		O	O	X	X	X	X						Rhodanthe.....			X	X	X	X	X				X	X
Cypress Vine.....			X	X	X	X	X						Ricinus.....			X	X	X	X	X					
Coix Lachrymae.....			X	X	X	X	X						Romneya.....		X	X	X	X	X	X				X	X
Dahlia.....			X	X	X	X	X						Rudbeckia.....		X	X	X	X	X	X				X	X
Daisy, Shasta.....		X	X	X	X	X	X		X	X	X		Salpiglossis.....			X	X	X	X	X					
Daisy, English.....		X	X	X	X	X	X		X	X	X		Salvia.....			X	X	X	X	X					
Daisy, Michaelmas....		X	X	X	X	X	X		X	X	X		Scabiosa, Annual.....		X	X	X	X	X	X				X	X
Datura.....			X	X	X	X	X						Scabiosa, Perennial....		X	X	X	X	X	X				X	X
Didiscus.....			X	X	X	X	X						Schizanthus.....			X	X	X	X	X					
Dolichos.....			X	X	X	X	X						Smilax.....			X	X	X	X	X					
Delphinium.....		X	X	X	X	X	X		X	X	X		Statice, Annual.....			X	X	X	X	X					
Demorphotecu.....			X	X	X	X	X						Solonum.....		X	X	X	X	X	X				X	X
Dianthus or Pinks....			X	X	X	X	X		X	X	X		Sweet Rocket.....		X	X	X	X	X	X				X	X
Diascia Barbaeae.....			X	X	X	X	X						Stocks.....		X	X	X	X	X	X				X	X
Digitalis or Foxglove..		X	X	X	X	X	X		X	X	X		Sweet William.....		X	X	X	X	X	X				X	X
Eschscholtzia.....	X	X	X	X	X	X	X		X	X	X		Thunbergia.....			X	X	X	X	X					
Eurphobia.....			X	X	X	X	X						Tritoma.....		X	X	X	X	X	X				X	X
Fuchsia.....		O	X	X	X	X	X						Verbena.....			X	X	X	X	X					
Gaillardia.....		X	X	X	X	X	X		X	X	X		Viola.....		X	X	X	X	X	X				X	X
Geranium.....			X	X	X	X	X						Vinca.....			X	X	X	X	X					
Gerbera.....			X	X	X	X	X						Virginia Stock.....			X	X	X	X	X					
Gilia.....		X	X	X	X	X	X						Viscaria.....			X	X	X	X	X					
Globe Amaranth.....			X	X	X	X	X						Wallflower.....		X	X	X	X	X	X				X	X
Geum.....		X	X	X	X	X	X		X	X	X		Wistaria.....		X	X	X	X	X	X				X	X
Gloxinia.....			X	X	X	X	X						Xeranthemum.....			X	X	X	X	X					
Godetia.....		X	X	X	X	X	X		X	X	X		Zinnias.....			X	X	X	X	X				X	X
Gypsophila.....		X	X	X	X	X	X		X	X	X		Wild Flower Mixture..		X	X	X	X	X	X				X	X
Gourds.....			X	X	X	X	X						Cut Flower Garden												
Golden Rod.....		X	X	X	X	X	X						Mixture.....			X	X	X	X	X					
Helenium.....		X	X	X	X	X	X		X	X	X														
Helianthus.....			X	X	X	X	X																		
Helichrysum.....			X	X	X	X	X		X	X	X														
Helianthemum.....			X	X	X	X	X																		
Heliotrope.....		X	X	X	X	X	X																		
Heuchera.....		X	X	X	X	X	X		X	X	X														
Hibiscus.....		X	X	X	X	X	X		X	X	X														
Hollyhock.....		X	X	X	X	X	X		X	X	X														
Humulus.....			X	X	X	X	X																		
Hunnemania.....			X	X	X	X	X																		

The above gives a general idea of when flower seeds can be sown in the Sacramento and San Joaquin Valleys.  
O—Seeds sown at this time should be protected from frost.

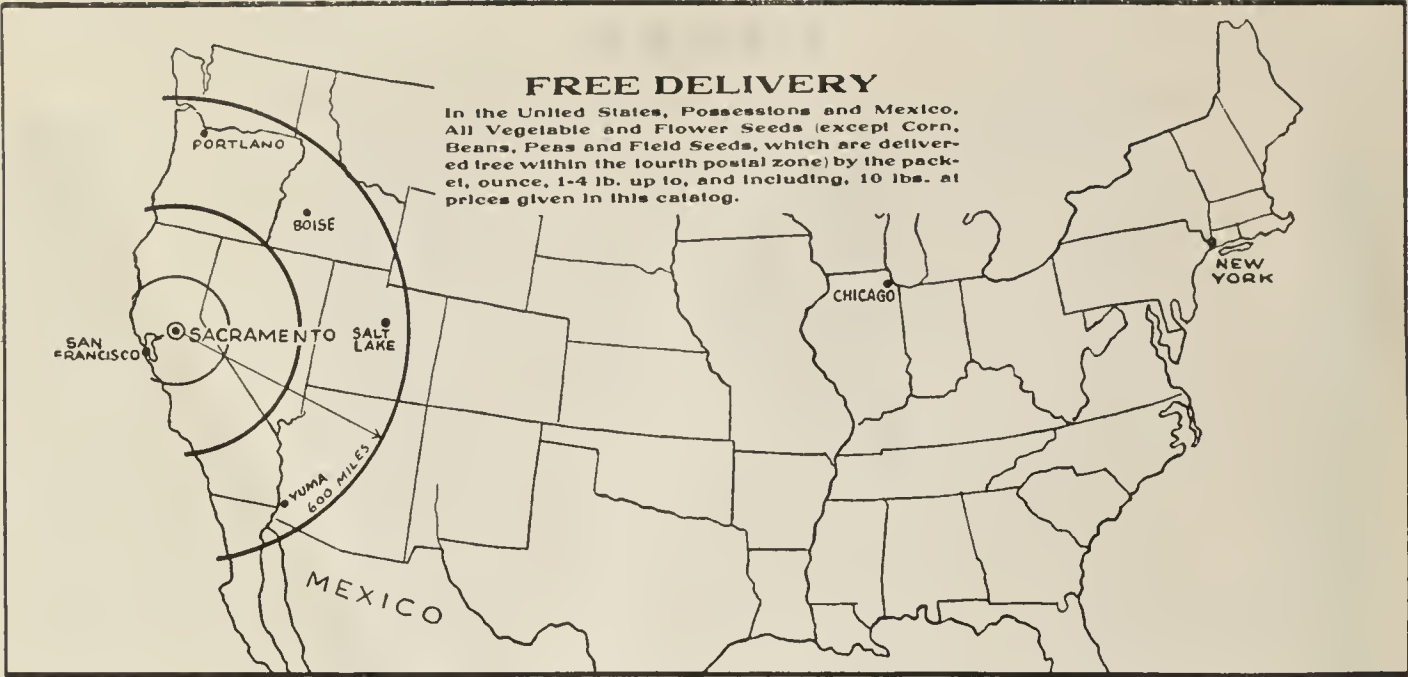


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Office: 712 J St., Sacramento, Calif., January, 1936.

We respectfully call the attention of our customers to the following directions, which will, if followed, be an aid to purchasers as well as ourselves.

**FORWARDING** — We deliver free, in the United States and possessions, and Mexico, by Parcel Post or Express to any express office at our option, all Vegetable and Flower Seeds by the packet, Ounce and ¼ Pound, and up to and including 10 Pounds (except Corn, Beans, Peas and Field Seeds, which are delivered free within Fourth Zone only as indicated below.)

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Give your home the beauty of a luxuriant lawn—with Lago Brand Lawn Seed and Bearmor Plant Food.

- LAGOMARSINO'S LAWN MIXTURE**—A mixture of several deep green grasses blended so that they remain green from early spring until late autumn. It makes a beautiful turf of dark green color and stands hard usage. We especially recommend this grass for those desiring beautiful lawns. **Lb. 60c; 5 lbs. \$2.50; 10 lbs. \$4.75.**
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- GOLDEN STATE LAWN MIXTURE**—This is a standard popular mixture of quality seed for all general lawn purposes. **Lb. 45c; 5 lbs. \$1.75; 10 lbs. \$3.45.**
- CREEPING BENT (Seaside Bent)**—Also called Coos County Bent. This is a true Creeping Bent, stoloniferous in habit and when once established spreads rapidly and makes a strong enduring turf. Sow 1 lb. to 500 square feet. **Certified seed, lb. \$1.25; 5 lbs. \$1.15 per lb.; 10 lbs. \$1.00 per lb.**
- ASTORIA BENT**—A comparatively new and distinct kind of grass; seldom produces stolons but spreads from underground root stalks; produces splendid turf. Owing to its root habit it has a wider range of adaptability. **Certified seed, lb. \$1.25; 5 lbs. \$1.15 per lb.; 10 lbs. \$1.00 per lb.**
- CHEWING FESCUE**—Used extensively on putting greens, fairways and tees on golf courses, and does well even under poor conditions. Forms a close turf that prevents ingress of weeds, is permanent in all kinds of soils, even the highest and driest. Also good for shady locations. **Lb. 75c; 10 lbs. \$6.50.**
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A COMPLETE PLANT FOOD  
for  
**LAWNS  
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GARDENS**  
"THE BEST FOR THE WEST"

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Prices on Fertilizer f.o.b. Sacramento





Giant Single  
(Left)

Giant  
Camelia  
Double  
(Right)

Giant  
Fimbriata  
(Carnation)  
(Left)

Giant Frilled  
(Right)

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